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ILLUSTRATIONS.

House of G. G. Haven, Esq., Lenox, Mass.
(Gelatine Print issued only with Imperial Edition.)
House at York, Pa.
Perseverance Lodge No. 46, K. of P., Chestnut Hill, Philadelphia, Pa.
Family Hotel, Minneapolis, Minn.
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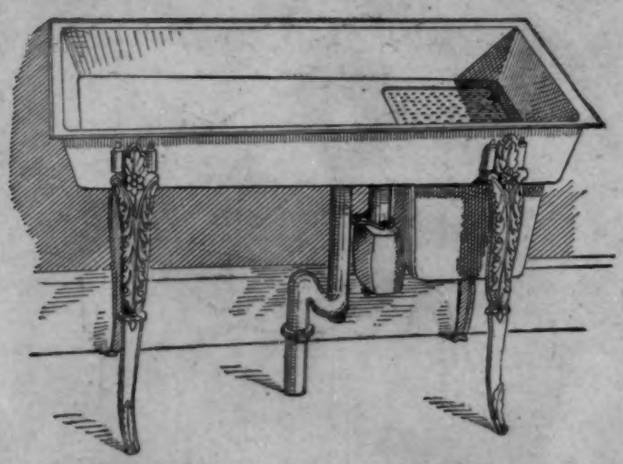

FIG. 45. The Sanitas Kitchen Sink and Flush-pot.

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A SCHEME which has long been discussed in New York has finally taken definite shape, in the incorporation of the American Fine Arts Society, which includes representatives of the present Society of American Artists, the Architectural League, the Art Students' League, the Society of Painters in Pastel, and the New York Art Guild, and is to be maintained under the joint patronage and control of these societies, and of such others as may join the movement hereafter. The object of forming the new corporation is to give the societies interested a better opportunity than they have yet had for combining their efforts and influence for the purpose of promoting the good of the fine arts, in whatever way may seem advisable, and the first step toward that end which has occurred to the managers of the new society is to consist in the erection of a building, which is to contain rooms where works of art may be exhibited, as well as permanent accommodations for the various societies represented in the new federation. The rents have been fixed at the moderate rate of fifty cents per annum per square foot of floor-space occupied, for the portion permanently taken up by the societies, and twenty-five dollars a day for the use of the galleries. The New York daily papers say that this small sum pays for the use of all the galleries together, and that they are to be arranged to be used for concerts and other entertainments, as well as for exhibitions, so that we imagine that there must have been some slip in the original report, which we leave our readers to correct according to their own judgment. The capital to be used for carrying out this modest plan is fixed at fifty thousand dollars, and is to be raised by subscriptions of one hundred dollars each. Besides the stock, coupon bonds are to be issued, the interest on which is to be paid, if earned from rents, but if the rents should not be sufficient to pay the interest, the holders of the bonds, by surrendering their coupons, may obtain free tickets to the various exhibitions to be held in the building during the year. Beside the stock-holders and the bond-holders, there is to be a class of Fellows, who, by the contribution of one hundred dollars, are to be entitled through life to five season tickets to all the exhibitions given by the Architectural League, the Society of American Artists, and the Society of Painters in Pastel. The proceeds from the sale of such fellowships is to be devoted partly to extinguishing the bonded debt of the corporation, while the rest is to be distributed among the constituent societies in equitable proportion.

ANOTHER artistic association, with, however, a special purpose, which has just been formed in New York, is the National Free Art League, an organization of artists and other persons interested in art, intended to promote, by the number and character of its members, and the influence they may exert, the repeal of the unjust, ridiculous and injurious laws in regard to the importation of foreign pictures and statues which have so long annoyed our artists. The names of the officers of the League are in themselves sufficient to show the seriousness of the movement, and the energy with which it is likely to be carried on. The President is Mr. J. Carroll Beckwith, the Vice-President is Mr. William M. Chase, the Treasurer is Mr. Henry Marquand, and the Secretary is Mr. Kenyon Cox. Besides the officers, more than five hundred artists and lovers of art are enrolled as members, and many applications for membership are daily received. There are no membership dues, and persons interested in the purposes of the League are invited to send their names to the Secretary, Mr. Kenyon Cox, 145 West Fifty-fifth Street, New York, upon which they will be enrolled, upon signing the Articles of Association, and will be kept informed, from time to time, of the progress of the movement, and the success of the work undertaken by the League.

THE Brockton *Enterprise* makes some suggestions in regard to obtaining designs for a new city-hall for that town, which are open to criticism, in the interest of the citizens. It remarks that a competition among architects has been proposed, but says that the fear has been expressed that "an open race of the kind would only be entered by second-class architects, and that the big firms would not submit any plans." As the people of an ambitious and prosperous town like Brockton naturally want something better than second-class professional service, the *Enterprise* proposes to meet the difficulty by having the City-hall Committee do "as a similar committee has done in Haverhill," that is, "to advertise in the Boston papers that at a certain hour of a certain day they will be in session at the present City-hall to consult with architects who will submit plans for the proposed building." We should say that it would be well for the people interested, before following this advice, to find out what result such a course has had in Haverhill. Among respectable architects the idea of dancing attendance on "a certain day" upon a committee that does not know what it wants, and has taken no pains to find out, and can think of no better way of enlightening itself than to let a lot of builders' clerks and draughtsmen talk to it for an hour, all at the same time, would be about as uninviting as anything that could be proposed, unless, perhaps, it should be surpassed by the next piece of counsel offered by the *Enterprise*, which is that "the right to reject any or all, and not to pay for any not accepted, could be reserved," and it adds, as if it could think of nothing more enchanting to the professional mind than this prospect, that, "The more architects that compete, the better for Brockton."

WE had supposed that this way of thinking and talking about architects and competitions was obsolete in any civilized community. To show how absurd and ridiculous it seems to any one who knows anything about plans and buildings, we will suppose that, instead of a city-hall, the people of Brockton want a map of the town. They appoint a committee, which sets an hour on which all its members will be at leisure from their respective avocations, and invites engineers and surveyors to meet it. The first surveyor asks whether the town requires a topographical survey, or one showing merely boundaries. The committee reflects. None of its members have ever heard of a topographical survey, and have not the least idea what it may be, but they do not like to say so, and the name sounds well, so they answer that that is what they want. The next visitor is a scientific person, who thinks that the survey ought to be geological, and is made happy by being told that it will be an excellent thing to have it geological as well as topographical. Each of the other inquirers has a different idea, and all the ideas seem to the committee, which comprehends few of them, to be excellent. The intending competitors go back to their offices, each with a different notion of what is required, and set at work. At a given time a mass of plans, of the most diverse description, and involving immense labor, is presented to the bewildered committee. Even then, the idea of asking for advice from some

one who understands the subject does not occur to them, and after looking at the drawings, with a feeble pretence of understanding them, for a few hours, they adjourn. On reassembling, they find that a member has brought a friend along with him, a person of local reputation and influence, whom, after much persuasion, he had induced to "take part in the competition," and who has "brought in his plan." The "plan" is simply a collection of old plots, gathered partly from imagination, and partly from the Registry of Deeds, harmonized and "doctored" as the case may require, and with the streets dashed in with a bold hand. The author of this "design," which represents about half-a-day's work, explains that he is "no hand at making pretty pictures," but "looks to the common-sense of the thing," and stands, wreathed in smiles, while the delighted committee examines his production. As one after another discovers his grandmother's wood-lot on the plan, the satisfaction of the members increases, and without more ado, the chairman puts the vote, all the other plans are rejected, and the new comer is unanimously selected to prepare a map, which is only found to be incorrect and valueless after he has got his pay.

OF course, American committees will resent the idea that they are not perfectly capable of giving any instructions as to the preparation of designs for a city-hall, and of judging the designs after they are submitted, but the fact is that they are not capable of doing so, and architects know that they are not, and nearly all the most reliable architects in Massachusetts have agreed to have nothing to do with public competitions where their work is not to be judged by experts, and where the designs submitted are not to be made in accordance with a programme drawn up by competent hands, and issued to all alike, in which proper compensation is promised without reserve to the author of the best plan. Nothing else, as they know, offers any chance of satisfaction either to architects or to the people for whom they build. It ought not to be necessary to say that the essential part of a public building is the plan. With a good plan, a good building can be made with cheap materials; without a good plan, no expenditure of money can make a good building. On the plan of such a building depends not only whether large sums of money shall be buried forever in tortuous corridors, dark courts, useless space where it is not needed, and rooms too small for use, but whether an additional outlay shall be required every year for burning gas in places which "turned out" not to have daylight, and for extra service for overcoming inconveniences of arrangement; and no lay committee-man can judge for such details. Every architect has seen plans which pass muster with lay committees, in which important rooms are supposed to be illuminated by areas marked "Light and Air," in which there would be no more light or air than at the bottom of a well, while partitions stand over nothing, towers appear unexpectedly, supported on the roof, and the stairs in one story prove to be entirely independent of the story above or below. The only remedy for these inadvertences, after the building is executed, is a very costly process of remodelling. The best means of prevention, which is in this case a hundred times cheaper than cure, is the employment of a first-rate architect. From quacks in medicine a sick man may, with the help of his imagination, and, perhaps, a lucky chance, get relief from his pains, but the architectural quack cannot administer doses of brick and mortar at random with good effect, and he who would have his brick and mortar distributed judiciously, economically and beautifully must apply to persons capable of doing so, and must offer them what they consider fair treatment to obtain their services.

LA SEMAINE DES CONSTRUCTEURS publishes an account of a long-forgotten competition, which took place in Russia in the year 1764, when, we must remember, Russia was little better than an empire of Cossacks and Tartars. The city of St. Petersburg was at that time rapidly developing from a cluster of huts into the capital of a powerful government, and it was decided to try to improve it after some definite and well-considered plan. With this view, the Empress Catherine appointed a commission, which announced a competition on a model which might have been familiar then, but has, unfortunately, since gone out of use. All architects and amateurs in Russia were invited to furnish suggestions for a plan for laying out the city, a map of which was supplied them on application. Three months was allowed for the preparation of the sketches, which were to be handed in under cipher. The judgment which followed was the most curious part of the affair, for the jury consisted of all the people in Russia most skilled in the subject; namely, the competitors themselves. Immediately on the delivery of the sketches, they were to be exhibited for fifteen days in a place where all the competitors could have free access to them, and there each competitor was requested to examine them, and write a careful criticism of all the plans except his own, designating particularly the portions of each plan which appeared to him most successful and best adapted for carrying out. At the end of the appointed period the commissioners were to consider the designs and the criticisms, and decide for themselves what plans, or portions of plans, should be carried into execution, and it was promised that the authors of schemes, or parts of schemes, selected for execution should be employed, by preference, in carrying them out; while even those whose projects were not approved were to receive a compensation "in proportion to their labor." Whether this curious competition was ever carried so far as to the actual selection of a plan in the way promised we do not know, but some student of Russian history can, perhaps, inform us.

SOME unfortunate official in England recently took it into his head to improve Westminster Hall, which has long been a sort of neglected corner among the Government buildings, by putting a staircase in it, and, as he might have expected, has brought a storm of criticism and ridicule about his ears by doing so. It is very likely that nobody wanted the staircase for use, but that probably would have made no difference in the criticisms, which appear to be directed at everything, whether of any importance or not, which has any connection with the structure. As it happens, the unfortunate official in question, thinking to make the building under his charge more interesting, had some heraldic animals carved on the top of the newel-posts. He could hardly have put anything more innocent there, but no sooner had they appeared than a member rose in the House of Commons, to inquire "why those stone carvings of birds and beasts" had been put on the pedestals flanking the Westminster Hall stairs. The supervising official explained that the "birds and beasts" were simply heraldic objects, which were taken from the coats-of-arms of various Kings and Queens of England, and served to designate, in an indirect way, the sovereigns who had done most, since the time of William Rufus, for the improvement and decoration of the Hall. One would think that this answer would be enough for a sensible man, but it was not enough, it appears, for a member of the House of Commons, and a second question was propounded, inquiring whether "the Right Honorable gentleman was himself responsible for many of the fearful creatures in Westminster Hall." This sort of interpellation seems to have been too much for the temper of the "Right Honorable gentleman," who replied that "he was not responsible for the fearful creatures, either in Westminster Hall or in this House." "Much laughter" followed these elegant dialectics, and the original questioner, who appears to have felt that he had got the worst of the discussion, avenged himself by threatening to move for a reduction of his opponent's salary. Why the official did not retort by demanding an investigation into the state of his questioner's account with the washerwoman, we cannot see, but it is possible that a sense of decency may have come, somewhat late, to his aid. In fact, the circumstance that he had consented to putting anything so harmless as heraldic leopards on the newel-posts indicates that this may have been the case, while the well-regulated mind must shudder at the thought of the decorations that would have been suited to his opponent's taste, if their official positions had been reversed.

MR. A. W. BLOMFIELD, a well-known English architect, has just received the honor of knighthood, to the great satisfaction of the editor of the *Builder*, who thinks that architects in England have of late been altogether too much overlooked in the distribution of honors of the kind. It does not appear that any particular work of Mr. Blomfield's has earned for him this recognition, but, like most things of the kind in England, it seems to have been the long-delayed reward of many years of skilful and honorable practice. Americans know very little of the effect upon a man's happiness of the addition of a title to his name, but very many American architects, to whom his name and reputation are familiar, will be glad to join with the English friends of Sir Arthur Blomfield in congratulations suitable to the occasion.

OLD COLONIAL WORK OF VIRGINIA AND MARYLAND.[1] — II.

THE WYTHE HOUSE.

JUST north of the church-yard, and fronting upon a grassy open known as "Palace Green," on the upper side of which stood Lord Dunmore's house, or "the Governor's Palace," as it was called among the patriots of '75, stands a fine, old, square brick house which, the inquiring stranger will be informed, "was once General Washington's headquarters." Historical accuracy, however, resolves this tradition into the lesser fact that Washington spent the night at this house, the house of his friend George Wythe, on his way to join Lafayette at Yorktown in the latter part of September, 1781.

The old house is, however, quite interesting on its own account, and on going up to have a look at it, I was very courteously admitted, and had the pleasure of walking about the broad hall and large square rooms, and the further good fortune of hearing a sketch of the history and a legend or two about the old house, which, I think I cannot do better than transcribe here, as literally as may be.

The Wythe House, as this old homestead is called, was built by Colonel Louis Taliaferro and given as a marriage portion to his daughter, the wife of George Wythe, who, to quote one of his biographers, was "the pure and virtuous Chancellor, a member of the House of Burgesses, a signer of the Declaration of Independence, a Member of Congress, Speaker of the House of Delegates, Judge of the Court of Appeals, a member of the Conventions on the Constitution of the United States, and Professor of Law at William and Mary College. To him was reserved the honor of devising the emblems and motto of the shield of Virginia." Wythe enjoyed the intimacy of Jefferson, Mason, Washington, and, in short, of the brightest minds of his day in Virginia.

The Chancellor's end was a tragic one, for he was poisoned by a nephew to whom he had bequeathed a large portion of his property. Though he died in Richmond, Williamsburg claims his ghost, and it is said that on the anniversary of his death, the 8th of June, a shadowy form in antique garb glides from out the closet of his chamber in the old house, and a cold hand is gently laid upon the face of the sleepers in the room.

After the Chancellor's death the property passed into the hands of Mr. Henry Skipwith, the third husband of the beautiful Elizabeth Byrd, of Westover on the James.

The wraith of the fair Elizabeth, also, occasionally honors Wythe House with a manifestation, appearing in full ball dress, with sweeping train of rich brocade and high-heeled scarlet slippers with diamond buckles.

Yet another spectral tenant was known in the flesh as the consort of Governor John Page, who purchased Wythe House upon the death of Colonel Skipwith, and it is whispered that even the stately form of the Father of his Country himself, who was always a great friend of Wythe's, has been seen in the halls and on the broad stairway.

Time would fail me to tell of the wierd sounds that are heard, the doors that open without the touch of mortal hands, the phantom shapes which have been seen gliding through the halls and corridors. But, one and all, these ghosts are ghosts of high degree and of unexceptionable deportment, and never in the least have they encroached upon the peace and comfort of the residents of Wythe House.

There is nothing especially noteworthy in the architecture of this old mansion unless it is the air of solid and substantial comfort which it wears. The plan is a very simple one — a wide central hall through the middle of the house, and two rooms on either side of this, each having four windows and a great fireplace. I did not examine the arrangement of the second story. The kitchens and offices are in a rear building.

WILLIAM AND MARY.

The college buildings stand marshalled on three sides of the old campus at the western end of Duke of Gloucester Street, the main house facing toward the street while the President's house and Brafferton stare at one another across the campus. The two latter are plain square buildings of considerable age. The schools have been three times destroyed by fire. The original buildings were "the composition of Sir Christopher Wren," and presumably very fine. They were burned in 1705, "the Governor and all the gentlemen that were in town coming to the lamentable spectacle, many of them getting out of their beds." Of the second structure we only know that Mr. Jefferson, who, by the way, was a tremendous critic in architectural matters, though perhaps not always successful in the application of his theories to practice, thought it looked very like a brick-kiln. There is now very little of interest about the place from an architectural point-of-view, or to one in search of the picturesque.

The statue in white marble of Narborne Berkeley, Baron of Botetourt, which stands in the centre of the campus, was erected by the Assembly shortly after the death of Lord Botetourt in 1770, in grateful memory of a governor who was everywhere esteemed throughout the colony. He was a liberal patron of the college to which he gave many prizes, and at the time of his death he was earnestly striving to win from the home government repeal of the acts which had given such offense to the colonists. The ravages of time or fortunes of war have despoiled the marble baron of his aristocratic nose, and some night-prowling and irreverent undergraduate has recently affixed a gory streak of red sealing-wax across the august countenance, lending an ensanguined and hostile look to the benign features.

Old William and Mary enjoys the distinction of being, after Harvard, the oldest college in America, and she has counted among her sons very many of the great ones of our land, having "sent out for their work in the world twenty-seven soldiers of the Revolution, two attorney-generals, nearly twenty members of Congress, fifteen senators, seventeen governors, thirty-seven judges, a lieutenant-general and other officers, two commodores, twelve professors, four signers of the Declaration, seven cabinet officers, a chief justice, and three presidents of the republic."

In colonial times it was the only educational establishment of the rank of a college in all Virginia, and directed the intellectual training of a majority of the best men in the colony, although a very aristocratic few of the sons of the wealthier families were sent over to Eton and Oxford.

The history of the college is closely interwoven with that of James Blair, Commissary to the Bishop of London and Rector of Bruton Parish, who was its founder, first president and lifelong defender. The colony sent him to England on a mission to King William in behalf of the projected institution, and he returned in 1693 with the charter of the college signed by their august majesties, William and Mary. It was liberally endowed with rich lands, a sum of £2,000 arrears of quit-rents, one penny per pound on exports of tobacco, the office-fees and emoluments of Surveyor-General and a seat in the Assembly, and was founded as "a seminary of ministers of the Gospel where youths may be piously educated in good letters and manners; a certain place of universal study, or perpetual college of divinity, philosophy, languages, and other good arts and sciences."

The English Attorney-General Seymour, when ordered to draw up the charter, objected to the expenditure of public funds for making divinity-students while England was at war and wanted soldiers, and to the redoubtable Blair, who urged that Virginians had souls to save as well as the English, he thundered out, "Souls! Damn your souls! Make tobacco!"

In the library, among many costly treasures in rare old volumes and prints, are two portraits of Parson Blair done at different periods in the stormy and eventful life of that fiery old polemic.

THE POWDER-HOUSE.

There are to be seen at the post-office, in Williamsburg, some very interesting old files of the *Virginia Gazette*, a journal which was started at Williamsburg in 1736, and was the first and, for many years, the only newspaper published in the colony. Its columns contained, beside a preponderance of local news, the latest advices from England and the Continent not more than a month or two out of date, the fortnightly mail from the North and the monthly post from the South, dignified commentaries on current topics, and advertisements of quaint and curious flavor. Among the locals this one about the old powder-house affair is worth reading:

"This morning, between three and four o'clock, all the powder in the magazine to the amount, as we hear, of twenty barrels, was carried off in His Excellency the Governor's wagon escorted by a detachment of marines from the armed schooner '*Magdalen*,' now lying at Burwell's Ferry, and lodged on board that vessel" — whereupon "the whole city was alarmed and greatly exasperated." In a later issue, account is given of indignation meetings among the citizens, and the full text of a long-winded and eloquent address of remonstrance by the Hon. Peyton Randolph and a deputation, upon hearing which Lord Dunmore flies into a fine rage, and talks of burning the town.

A few days after, we read, the people seize all the arms in the powder-house, and His Lordship sends over to the "*Fowey*," lying at Yorktown, for troops. A squad of soldiers are marched over to Williamsburg, and mount guard on Palace Green before the Governor's house. The "*Fowey's*" captain meanwhile has informed Mr. Thomas Nelson, the principal citizen of Yorktown, that in case the Williamsburgers attack his men the guns of the "*Fowey*" will open upon Yorktown without further warning. The warlike aspect of affairs finally reaches a climax when news is brought that Patrick Henry is marching on the capital, at the head of 5,000 men, to demand redress of these tyrannous abuses. In the last chapter of the story Lord Dunmore pays the value of the powder, and Mr. Henry's forces disband and return to their homes.

The powder-house was built by Alexander Spottswood early in the eighteenth century. This Governor is said to have done more for the general improvement of the colony than any of his predecessors. He was the son of a distinguished Scottish cavalier who had died upon the scaffold for devotion to his King. A brave soldier — he served, it is said, on the staff of Marlborough — and a most accomplished gentleman, Spottswood possessed administrative abilities of a high order. His policy of peace with the Indians was eminently successful, and his project of requiring the chiefs of tribes to send their sons to be trained in the schools of the whites was productive of great good.

[1] Continued from No. 703, page 281.

The most picturesque incident of Governor Spottswood's rule was his leading a party of young explorers from Williamsburg across the Alleghanies and into the unknown regions beyond. It was a royal frolic, and in about six weeks the expedition rode back covered with glory and stocked with romantic stories of the marvels of that *ultima Thule*, the beautiful Valley of Virginia. Spottswood dubbed his young adventurers "Knights of the Horseshoe," and before disbanding the company he gave them each a golden horseshoe to be worn thereafter upon the lapel in memory of the affair. King George hearing of these brave doings intimated his gracious pleasure by sending over to Spottswood a little jewelled horseshoe and a baronetcy.

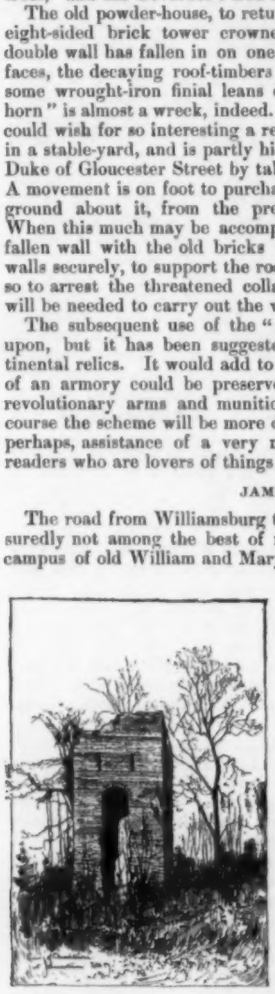
On leaving office the Governor retired to his country-seat at Germanna, whither came Colonel Byrd, of Westover, in due course, to visit his old-time friend, finding "Colonel Spottswood's enchanted castle on one side of the street and a baker's dozen of ruinous tenements on the other side; there was, also, a chapel about a bow's-shot from the Governor's house, at the end of an avenue of cherry-trees," and the Governor's iron foundries, the first in the colony.

The old powder-house, to return from our little digression, is a tall eight-sided brick tower crowned with a high conical roof. The double wall has fallen in on one side and bulges badly on the other faces, the decaying roof-timbers threaten to collapse, and the handsome wrought-iron finial leans dismally askew. The old "powder-horn" is almost a wreck, indeed. The surroundings are not what one could wish for so interesting a relic; in fact, the old magazine stands in a stable-yard, and is partly hid from the view of the passer-by on Duke of Gloucester Street by tall and very unbeautiful board-fences. A movement is on foot to purchase the building, with a small plat of ground about it, from the present rather unappreciative owner. When this much may be accomplished, it is proposed to rebuild the fallen wall with the old bricks which lie where they fell, to tie the walls securely, to support the roof with some auxiliary framing, and so to arrest the threatened collapse of the tower. But a small sum will be needed to carry out the work.

The subsequent use of the "powder-horn" has not been decided upon, but it has been suggested to use it as a museum of Continental relics. It would add to its interest if its ancient character of an armory could be preserved, and a collection of colonial and revolutionary arms and munitions of war stored therein. In due course the scheme will be more definitely stated in this journal, and, perhaps, assistance of a very modest character besought from its readers who are lovers of things quaint and beautiful.

JAMESTOWN.

The road from Williamsburg to the ancient site of Jamestown, assuredly not among the best of roads, passes out of the town by the campus of old William and Mary, and, soon leaving behind the straggling houses, bears off toward the southwest over a rolling country. Plunging into little valleys, scaling steep, short hills, winding through belts of the forest primeval, or diving into dark, damp places where gnarled roots and stumps combine with mud-holes of amazing muddiness to produce an interesting variety of sensations, the old road meanders on toward the river, growing ever worse. Descending at last into a reedy marsh of broad extent, which is crossed upon a bed of roughest corduroy, bearing evidence of complete submergence at high water, and suggestive of being a very uncomfortable place on a dark night and a full tide, and on the further side of the marsh going over a shaky bridge which spans the inside channel of the river, the road arrives upon the historic soil of Jamestown Island.



From this point there formerly stretched to the mainland a narrow neck of land, where readers of colonial history will remember Sir William Berkeley and his motley troop from Accomack making their famous stand against the invading army of the rebel Bacon. But the isthmus is long since sunk out of sight, and now the yellow waters of the James lap all sides of the former peninsula. The island contains nearly seventeen hundred acres, lying in a long, narrow strip of land, two-thirds of whose entire area is marsh subject to overflow. Near the western end of the island is the crumbling, mossy, ivy-grown ruin of a brick church-tower, about all that is left of the ancient place. Standing in a copse of fine old trees, the ruined tower is very picturesque, and has an interest in itself apart from that which clings to it as the oldtime place of worship of that wonderful band of adventurers who founded Jamestown, the first permanent English settlement in America. The tower is eighteen feet square, and is pierced on two of its sides by high, round-arched openings. It is built of a small, dull-red English brick laid in the Flemish bond.

Beyond it the foundations of the old church are traceable, covering an oblong square of twenty-eight (28) by fifty-six (56) feet, and close by is a mossy, crumbling wall built in the latter part of the eighteenth century from the ruined wall of the old enclosure around about one-third of the original churchyard. Within are some ancient tombs, upon which one deciphers, under the moss and rime, quaint epitaphs of old Amblers and Jacquelines, Sudwells and Lees. Of these, the Jacquelines and Amblers for many generations were the principal owners of the island, while the Lees and Sudwells were of Green Spring, some few miles distant, and famous as the home and place of retirement of that staunch old royalist, Sir William Berkeley. When the worshipped head of his august master, Charles, fell on that dismal morning in 1649 at Whitehall, the old cavalier, his governorship given to the hated Roundhead, his idol dead, the faith for which he had lived and would gladly have died, the *jus divinum*, trampled under foot by clods and boors, found in that peaceful rural life, in the company of his wife and friends at his modest house at Green Spring, a balm for all his wounds. Here he waited and watched events, through those long, stern years of the Protectorate, until old Noll was gone and the son of Charles had come unto his own again, when the fierce old knight held the reins once more over the young colony. Berkeley died in England in 1677, leaving Green Spring to his widow, who afterward married Colonel Philip Sudwell.

"Something special in the way of notice is due to the condition of the tombs of Commissary and Mrs. Blair, the latter being the daughter of Philip Sudwell, of Green Spring, who married Sarah Grymes, of Middlesex. The tombs were placed side by side, and were very heavy and strong. The platform, sides and ends were of white freestone, and the interior filled with bricks well cemented. The top slabs, on which the inscriptions were made, are of dark ironstone or black marble. A sycamore shoot sprang up between the graves, and is now a large tree. In its growth it embraced, on one end and on the top, the tomb of Mrs. Blair, one-third of which lies embedded in the body of the tree and is held immovable. All the interior, consisting of brick, and two of the side stones, have been entirely forced out of their places by the tree, and lie scattered around, while the dark ironstone is held in the air three feet above the surface of the earth, fast bound by the embrace of the body of the tree, into which it is sunk between one and two feet, the inscription being only partially legible. On the other side, the whole tomb of Commissary Blair has been forced from its place by the roots and body of the tree, and is broken to pieces in all its parts." This account of the old graveyard is from Bishop Meade's "*Old Churches*," and the date of the ruined tower is discussed at some length by the same eminent authority, who says:

"As there are conflicting opinions concerning the date of the erection of this old church — some affirming that what we see are the ruins of that which was destroyed in Bacon's Rebellion, while others affirm the building of a new one after that event — we will briefly state the facts bearing on the case. The history of the succession of the Jamestown churches is as follows: The first place of worship, as described by Captain Smith, was made of the awning, or old sails, taken from vessels and fastened to trees. The second was a very plain log building, which was burned down in the second or third year of the colony, during the ministry of the Rev. Mr. Hunt."

In his "*History of Virginia*," Captain Smith, himself, writes at some length about the church and its pastor:

"The log church first erected was burned down the following winter with many other houses. Mr. Hunt lost all his books and everything else but the clothes on his back. Yet none ever saw him repine at his loss."

Robert Hunt came over in 1606 with the first company, and was by all accounts a most noble character.

"Upon any alarm he was as ready at defence as any, and till he could not speak he never ceased to his utmost to animate us continually to persist."

The "Advertisements for the Unexperienced Planters of New England or Elsewhere, etc.," a pamphlet published by John Smith in 1631, contains a more detailed account of the churches during his stay in the colony:

"When I went first to Virginia, I well remember, we did hang an awning — which is an old sail — to three or four trees, to shadow us from the sun; our walls were rails of wood, our seats were unhewed trees till we cut planks, our pulpit a bar of wood nailed to two neighboring trees; in foul weather we shifted into an old rotten tent, for we had few better, and this came by way of adventure for new. This was our church till we built a homely thing like a barn, set up on crotchets, covered with rafts, sedge and earth; so was also the walls. The best of our houses were of the like curiosity, but the most part far much worse workmanship, that could neither well

defend wind nor rain; yet we had daily Common Prayer morning and evening, every Sunday two sermons, and every three months the holy communion till our minister died. . . ."

During Smith's survey of the Chesapeake, not the least of his great achievements, the Indians burned the church. He had it rebuilt at once upon his return. "Now the building of the palace was stayed as a thing needless, and the church was repaired."

Of the further history of the churches, Meade says: "The third was a larger and better one, probably of wood, built during the presidency of Captain Smith, and in a ruinous or neglected condition when Lord De La War arrived, in 1611," who immediately ordered that the church be thoroughly repaired. Strachey, Secretary and Recorder of the colony, gives this description of it: "It is in length three-score foot, in breadth twenty-four, and shall have a chancel in it of cedar, a communion-table of black walnut, and all the pews of cedar, with fair, broad windows, to shut and open — as the weather shall occasion — of the same wood, a pulpit of the same, with a font hewn below like a canoe, with two bells at the west end. It is so caste, as it be very light within, and the Lord Governor and Captain-General doth cause it to be kept passing sweet, and trimmed up with divers flowers, with a sexton belonging to it. Every Sunday, when the Lord Governor and Captain-General goeth to church, he is accompanied by all the counsellors, captains, other officers and all the gentlemen, with a guard of Halberdiers in his Lordship's livery of fair red cloakes, to the number of fifty, on each side and behind him. His Lordship hath his seat in the Quoir, in a great velvet chair, with a cloth, with a velvet cushion spread before him, on which he kneeleth, and on each side sit the council, captains and officers, each in their place, and when he returneth home again he is waited on to his house in the same manner."

"This was doubtless the same," says Meade, "in which Governor Yeardley, with the Councillors and Burgesses, held their legislative session in 1619; and, as we read of no other church being built between that time and 1676, when the town and church were burned down by Bacon, it is most probable that this was the building. In opposition to the theory that the present are the ruins of the old church which was burned in the rebellion, is the fact that the dimensions of the church which Smith built and Lord De La War repaired were different from the one whose ruins are now seen. The dimensions of the former were twenty-four by sixty; those of the latter twenty-eight by fifty-six. Other circumstances there are which render it almost certain that another church had been built since the destruction of the one by Bacon. Not only was there a goodly number of families residing in the place for some time after this, but the Court-house and House of Burgesses were there until the removal of the seat of government to Williamsburg after the year 1705. Although the governors may have lived at Green Spring, yet some of the officers of the Government belonging to the port and legislature were there; and it is not to be supposed that they would live for thirty years without a church."

Our reverend author goes on to cite the circumstance of Governor Andros presenting communion-plate to the Jamestown Church in 1694, that a silver font was given to it by the Amblers, which is still in evidence, and that no marks of fire are discoverable about the ruins, and he finally concludes "that the ruins which we now behold are those of a church put up since the rebellion of Bacon in 1676." As one sees the old tower standing, dismantled, but beautiful, among the ancient, stately trees, memory almost unconsciously tries to rehabilitate the times and the men who have made the place famous in the world's history. Foremost of them all stands forth the grand plebeian name of John Smith, the chief actor in the settlement of Virginia. There is hardly in all history a figure more picturesque than that of this indomitable man. His life was a romance, and full of marvel. Dying quietly in London in 1631, he sleeps in St. Sepulchre's, where a stone bearing his arms, his three Turk's heads, and his motto, "*Vincere est vivere*," is to be seen before the communion-table. A tablet to his memory, engraved with a sonorous epitaph, beginning:

> "Here lies one conquered that hath conquered kings,
> Subdued large territories, and done things
> Which, to the world, impossible would seem."

was destroyed in the great fire of London in 1666.

About the only memorial of Captain Smith, and at the same time the only specimen of the architectural achievements of the first settlers to be found in Virginia, is the chimney of the log-house built by Smith for Powhattan at Werowocomoco. The stone of which the chimney is built appears to be a shell rock. There is a great fireplace, eight feet wide, four feet deep and six feet high. Before many years the rapid encroachments of the river will have undermined the ruined tower, and the last relic of Jamestown will sleep beneath Powhattan's turbid flood.

A. B. BIBB.

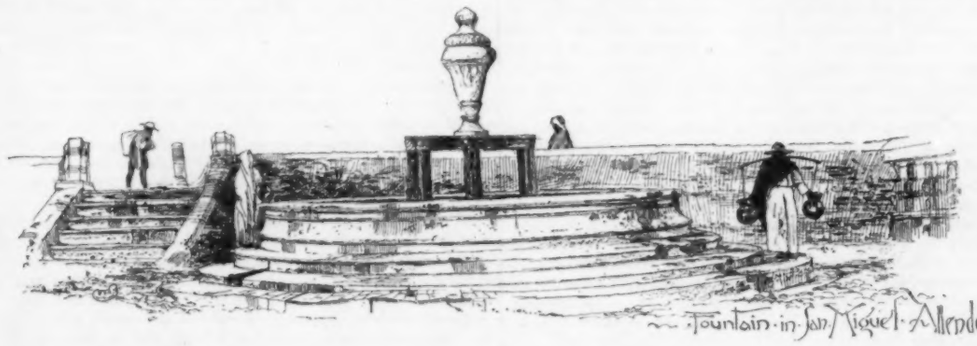
[To be continued.]

AUTUMN JOURNEYS IN MEXICO. — VI.

QUERÉTARO.

EVERY one who has heard of Mexico has some idea of Maximilian and that he was in some way connected with the political history of the country. And all who have heard of Maximilian know that he met his sad fate in Querétaro. Consequently every tourist in Mexico is strongly inclined to make a pilgrimage to Querétaro in the interests of an historical knowledge which, in most cases, is limited to the Spanish Conquest and the death of Maximilian. But for this, few tourists would ever see that city, though once attracted to it by affection for the amiable Austrian whose melancholy end endeared him to the world, a great deal of interest is to be found there.

It is a beautiful city, in a lovely situation. As one surveys, from the Convent de la Cruz, (where Maximilian had his headquarters), or from the Cerro de las Campanas (the Hill of the Bells), where he laid down his sword with the sad words, "I am no longer an Emperor," and where he was afterwards executed, the city with the picturesque towers of its fifty-six churches, the broad level fields which surround it, all under cultivation, and the beautiful hills which close it in on every side, one may suspect that the Austrian Archduke, who was already tired of the Imperial task he had undertaken, disgusted with the treachery of his pretended friends, and sorrowing over the loss of his beloved Carlotta, found other attractions in Querétaro than its ecclesiastical strength, and the promises of the Imperialists who thronged the town. For Maximilian was eminently æsthetic. He was a far better judge of scenery than of human character or of political probabilities.



He used a happy expression, however, when he called the place "the mouse trap." After he had established himself in the town, the Republican armies began to gather from every quarter. In a short time they had a line of artillery upon the hills encircling the valley. Then followed the siege with all the horrors which always pertain to a seige: the treachery of Lopez, the surrender, the farcical trial, the heroic death. These are the subjects upon which one reflects as one stands upon the Cerro and looks out over Querétaro.

Surely Maximilian left his impress upon the city. It is impossible to dissociate his memory from the place. The Church of the Cross (de la Cruz) still stands, so does the old monastery in which the Emperor was held a prisoner. And the town is full of staunch Imperialists still, who warmly cherish the memory of their fallen chief. Some years ago they petitioned the government for permission to erect a memorial of their unfortunate Emperor. The government would permit only a mark to be placed upon the *site of the*

[1] Continued from No. 703, page 282.

execution. The memorial erected in accordance with this reluctant concession is a model of good taste. Three blocks of feldspar, of a pinkish hue, such as is found in quarries in the neighborhood and is extensively used for building purposes in Querétaro, mark the spot where Maximilian and his two brave companions in arms and in death, fell. They are simply inscribed, Maximiliano, Miramon, and Mejia, respectively, and each bears the fatal date, "*Junio* 19 *de* 1867." They are enclosed by a high iron railing upon a stone base, supported by corner posts of the same colored stone. Each post is surmounted by a plain Roman cross.

There is at least one object of especial architectural interest to be found in Querétaro. It is the stone aqueduct which supplies the city with water from springs five miles distant. The aqueduct leads up to the mountains two miles away, and a tunnel completes the distance. Some of the arches in this aqueduct are ninety feet high. Good masonry was executed in those old days in Mexico, and the mortar between the huge stones which compose this aqueduct shows no signs of crumbling, though the work was done over a hundred and fifty years ago. The cost of the work is set down as $124,000, and the greater part of the money was furnished by Baltasar de Zuniga, Marques de Velero de Aguila, who was Viceroy

of Mexico in the years 1716 to 1722. It was not every Spanish Viceroy who looked out for the requirements of his subjects as well as Zuniga, and the gratitude of the city has been expressed by erecting a monument to his memory in the plaza. Thus Querétaro perpetuates the memory of two men distinguished in the history of Mexico. One was the unfortunate Austrian who undertook to "regenerate Mexico." The other was the thirty-sixth viceroy. It might be suspected that it is not a very loyal republican city: it is one of the Church's strongholds, and the Church and the Republic "agreed to disagree" some time since.

Querétaro is reached from the capital by means of the Mexican Central Railway, which places many and great opportunities at the disposal of the tourist, for making autumn journeys in Mexico. A former correspondent has embraced these opportunities and given the readers of *The American Architect* the benefit of his busily employed pen and pencil in Guanajuato, Lagos, Chihuahua, and elsewhere. This railway brings to the tourists' especial notice one of the most stupendous works of engineering to be found anywhere. It is the famous Tajo de Nochistongo, or drainage-cut, designed to drain one of the lakes of the Mexican Valley which imperiled the City of Mexico.[1] It was first constructed as a tunnel four miles in length. Failing to accomplish its work in that form it was subsequently opened as a deep cut. When the Mexican Central Railway sought an entrance through the mountain wall surrounding the Mexican Valley, the Tajo de Nochistongo, having served its original purpose, furnished the desired means of ingress. The railway runs along a shelf excavated upon the side of the cut, and affords an excellent opportunity to examine this interesting relic of the engineering skill of the seventeenth and eighteenth centuries, without leaving the train.

In a short time lateral branches of this railway will be opened, connecting the Gulf with the Pacific, Tampico with the San Blas, and opening up other interesting portions of Mexico for the inspection of tourists, and provide opportunities for other autumn journeys in Mexico, without necessitating roughing it to the extent of employing the primitive modes of travel, the *litera*, the pack mule, and the *diligencia*.

Arthur Howard Noll.

[The end.]

THE ILLUSTRATIONS

[Contributors are requested to send with their drawings full and adequate descriptions of the buildings, including a statement of cost.]

HOUSE OF G. G. HAVEN, ESQ., LENOX, MASS. MR. J. D. JOHNSTON, ARCHITECT, NEWPORT, R. I.

[Gelatine Print, issued only with the Imperial Edition.]

HOUSE FOR I. W. ALLEN, ESQ., YORK, PA. MR. B. F. WILLIS, ARCHITECT, YORK, PA.

THE materials of this house are: native dark-blue limestone in large blocks with red-brown pointing for first story. Second story, shingles, light-red stained. Roofs, dark-blue slate. Windows filled with 26-oz. Chance sheet crystal glass. Interior, sand-finished walls for oil painting, hard-wood floors, selected ordinary sawed oak and rift or comb-grained selected North Carolina pine.

PERSEVERANCE LODGE NO. 46, KNIGHTS OF PYTHIAS, CHESTNUT HILL, PHILADELPHIA, PA. MR. GEORGE T. PEARSON, ARCHITECT, PHILADELPHIA, PA.

THE building is pointed stone, contains two stores, two dwellings, a large lodge-room and open-timbered roof with ante-rooms in the third story. It has been contracted for at $12,500.

A FAMILY HOTEL, MINNEAPOLIS, MINN. MR. H. M. JONES, ARCHITECT, MINNEAPOLIS, MINN.

THIS building is built of brick and brownstone.

MEMORIAL LIBRARY, ACTON, MASS. MESSRS. HARTWELL & RICHARDSON, ARCHITECTS, BOSTON, MASS.

COMPETITIVE DESIGN FOR CHURCH, CLERGY-HOUSE, AND SCHOOLS FOR TRINITY CORPORATION, NEW YORK, N. Y. MR. H. M. CONGDON, ARCHITECT, NEW YORK, N. Y.

HOUSE AND STABLE, HAVERFORD COLLEGE STATION, PA. MR. W. EYRE, JR., ARCHITECT, PHILADELPHIA, PA.

PARIS EXHIBITION.

IN my last article or prologue to the studies which we are going to make on the Exhibition of 1889, I passed in rapid review the Universal Exhibitions which have preceded it. To-day, that of 1889, has been opened for more than a month, and the echo of its colossal success has certainly reached you. The magnificent fête which marked the inauguration on the 6th of May, at which 200,000 persons were present, has been described in all the newspapers, and I need not dwell on this point. I only wish to lay stress on the enormous number of paying visitors during the month of May, namely, 2,208,045. In 1878 there were only 1,269,675. This difference was all the more remarkable, for in 1878 the Exhibition was opened the 1st of May, and this one was opened only on the 6th.

We are going to enter the Exhibition through the Trocadéro, and the glance that we shall cast over the Champ de Mars will give the most exact idea of the general arrangements of the buildings. But, first, let me speak a moment of the classification adopted, which differs slightly from that of 1878. The creation of special classes for hygiene, viticulture and pisciculture are good minor changes. In the language adopted for exhibitions, the manifestations which respond to a general idea is styled a "group," and a "class" is each special order of the manifestation. Group 1 is consecrated to the fine arts, and is divided into three classes. Group 2, to education and educational supplies, and to the liberal arts. It is divided into twelve classes which have a connection, of course, with the fashioning and enlarging of the human intelligence. Group 3, furniture and accessories, contains twelve classes. Group 4, tissues and clothes, contains eleven classes. We have next group 5, the extractive industries, raw and manufactured products. Group 6, tools and processes of mechanical industry, and electricity. Group 7, alimentary products. Group 8, agriculture, viticulture, pisciculture, and group 9, horticulture.

Now let us begin our visit and enter the Trocadéro. The gardens of the Trocadéro are occupied by the exhibitions of horticulture and arboriculture, and contain no other structures save a restaurant, the pavilion of Public Works, the very original one of Waters and Forests, and several little kiosks and greenhouses. From beyond the Pont de Jéna the Eiffel tower raises its giant height, and lets us see between its arches the palaces and gardens on the Champ de Mars. At the back, like the horizon line, lies the machinery-gallery, cut in two parts by the elegant silhouette of the central dome of the palace of the industrial sections. On the right and left, corresponding with the galleries of the foreign sections are the two palaces of the liberal and fine arts, whose domes glitter in the sun.

[1] See No. 604, of *The American Architect*.

At the foot of the great tower, on the terraces, in the gardens, on the bank, everywhere in fact, is a very ant heap of picturesque constructions, projections, pavilions, towers, pointed roofs and domes, which declare themselves against the clear sky or stand out on the greensward. In the first plane, perhaps in a little too regular form, we note the marshalling of the "history of the dwelling-place." On the left, along the quays are the galleries of agriculture stretching out to join the esplanade of the Invalides, the colonial exhibitions and those of history and hygiene. Passing under the tower without stopping, since it is not yet finished, and the elevators only operate as far as the first story, let us direct our steps towards the central dome, admiring as we go the beautiful monumental fountain which occupies the middle of the garden. This fountain, the work of M. Coutan, represents the vessel of progress bearing the City of Paris who stands erect surrounded by Fame, with her trumpet, and allegorical figures personifying modern life. The fountain consists in all of twenty-four figures, fifteen of which are colossal, and from 3.60 to 4 metres in height. The silhouette is agreeable, full of movement and very decorative.

We arrive thus before the central dome, which serves as triumphal entrance to the industrial sections. This entrance is declared by a great bay cut at half its height by a projecting balcony. The coving is decorated with cartouches and medallions in brilliant colors. On each side is a pylon crowned by an enormous head in the round. A frieze of the escutcheons of cities occupies the length of the pediment, which is crowned by the ship of the City of Paris. The dome is decorated with *cabochons*, with cartouches, winged sphinxes, and lions' heads and garlands. A monumental statue crowns it, which represents France distributing crowns to the nations. This is the work of M. Delaplanche. Two groups, one by M. Gautherin, "Commerce," and the other by M. Gauthier, "Industry," placed at the foot of the pylons, complete this luxurious composition, which we can only criticise when we examine very near at hand a decoration which is somewhat exaggerated and heavy in its details. This dome has been built by M. Bouvard, architect of the galleries of the industrial section. Now the interior is altogether magnificent. Its diameter is 30 metres and its height 50 metres. An enormous frieze of figures by M. Lavastre, the decorator of the Opéra, decorates the entire circumference above the balcony of the first story, and represents all the nations coming to pay their respects to France at the Exhibition of 1889. The yellow tone of the interior decoration of the dome has a very brilliant and warm effect. It is magnificent. Before us stretches the Gallery of Honor 30 metres wide and 175 metres long, which leads to the machinery-gallery. Before entering, let us cast a glance at the exhibition of national manufactures, which occupies the lower floor and first story of the central rotunda. The ground-floor is occupied by the exhibition of Sèvres, arranged on two platforms or in niches of green, where are arranged decorative vases. One of the important pieces is the Paon, 3.54 metres in height by 1.90 in breadth, and all white. At the right and left two halls, 11 metres by 20, contain the tapestries of Beauvais. On the first floor, which we reach by four staircases, is found a circular balcony 6 metres wide, hanging over the vestibule of the dome, on which is to be established the retrospective exhibition of ceramics. The balcony forms a loggia to the grand gallery of 30 metres, and opens also on the garden. Two halls of similar dimension as those on the ground-floor contain the exhibition of Gobelins. Amonst the most beautiful of pieces I will mention the decoration of M. Galland for the Hall of Apollo, in the Palace of the Elysée. It consists of seventeen hangings, which bear a succession of allegorical figures, the Muses, the Poems and Pegasus as a central panel. Next, the panels of M. Lavastre, Science; M. Lefevre, Nymphs and Bacchus; M. Chardin, Sylvan Music and Warlike Music; of M. Urbain Bourgeois, Innocence; and, finally, the work of Messieurs Desgoffes, Paul Flandrin, Lansyer, Bellel, Maloisel and Curzon. The compositions of M. Ehrmann for the National Library must also be remarked: for the first story, two figures representing "Print" and "Manuscript," and for the lower floor the grand panels of "Literature," "Science" and "Arts." Opposite to these and of the same dimensions, that is, 8 metres by 5, is the magnificent tapestry "the Goddaughter of the Fairies," a composition by M. Mazerolles, the artist decorator, who has just died. To complete the exhibition of national manufactures, there must be mentioned the very beautiful pieces called "Savonnerie," which derive their name from the State manufactory where this kind of product was made for the first time. It was at the beginning of the seventeenth century that a Frenchman, named Pierre Dupont, suggested to Henry IV the idea of installing at Paris a carpet factory after the Oriental style. The establishment was created and occupied during a century, on the Quai de Billy, a building which had formerly been used as a soap factory. Hence the name "Savonnerie." In 1728, this manufacture was united with that of the Gobelins. The workshops of the Savonnerie are represented at the Exhibition by five allegorical panels, which are destined to decorate the Palace of the Elysée, and symbolizing, after the composition of M. Lameire, Science, Art, Industry, War and Maritime Affairs.

Entering the 30-metre gallery, the first thing which strikes our eyes is an isolated mosaic door. It was made at the National manufactory of Mosaics, at the Gobelins, after the composition of M. Paul Sédille. On each side two female figures drawn by M. Luc-Olivier Merson, symbolize "Tapestry" and "Ceramics." This door, whose colors are a little vivid, seems small in the midst of this grand gallery, and the general effect of it is not very elegant, but it forms in the centre of the gallery a point of departure for the most interesting and rich specimens of different industries represented in different classes. Among the most curious exhibits, I will mention the window of ceramics and glass, the work of M. Emile Gallé, of Nancy; a church altar in goldsmith's work, by M. Poussielgue; a little panel in porcelain and Limoges faience, by M. Charles Haviland; and finally the very important exhibition of Messieurs Thiébaut Bros., which consists of art-bronzes: among its most beautiful pieces may be remarked the model of the equestrian statue of Etienne Marcel, by Idrac & Marqueste, the original of which is at the Hôtel-de-Ville. We likewise see a sufficiently elegant fountain of mosaic work, a fine old piano, by Erard, a window of Lyons silk, and marbles from off the house of Cantini, of Marseilles.

The exhibit of copper-work made by Laveissière occupies a very important place, and is arranged in an original and decorative manner as a kind of enormous trophy composed of copper apparatus used in distilling and refining. Here may be noted retorts three metres in diameter and tubes ten metres long without seam.

Returning towards the rotunda, let us cast a look on the monumental doors erected by the exhibitors at the entrance of their sections. These doors are almost all magnificent, and the architects of the different classes have entered into rivalry in the matter of style and richness of their compositions. To the right, on leaving the rotunda, we find that of the jewellers, composed of two classical arcades, and with a rather cold general effect. On the other hand, the door to the ceramic section is quite another affair. Constructed by M. Marcel Desliguières, it is wholly of terra-cotta, faience and ceramic work. It is composed of a grand central arch resting on a strong sub-basement decorated with foliage, after the Indian style; above two niches, one on each side, with female statues symbolizing "Ceramics," by M. Lormier, sculptor, and "Mosaics," by M. Houssin, sculptor. These two statues, all of enamelled faience, form two superb bits of ceramic-work. The tympanum of the arch is decorated with pretty mosaic work on a gold background representing "Earth" and "Fire," symbolized by two female figures. The frieze is decorated with rosettes of faience in a succession of small arches, and the whole is crowned by a cresting which stops against a motif of figures, with a decorative vase. On each side of the entrance door is a portico of two arches separated by a central column and surmounted by a frieze with figures in faience forming panels. Two statuettes resting on culs-de lampes, crown the summit of two pilasters, which limit this motif of arcades, and which themselves are surmounted by a decorative panel with a vase above. A balustrade of enamelled lava completes this extremely brilliant whole in a rendering of Italian Renaissance. M. Marcel Desliguières, architect, had as co-laborers in the execution of this doorway our most able ceramicists, Brauet, Boulanger, Gillet, Mortreux, Lœbnitz, Muller, etc. After the brilliancy of this doorway, that of the furniture and tapestry section seems severe. This last is, nevertheless, enlivened by two decorative panels by M. Toché, which are very luminous in effect.

After the two doors of the horological section, original enough, but not sufficiently studied, by M. Abel Chancel, and that of the bronze section, which is sufficiently commonplace, we find ourselves in front of the doorway leading to the metallurgical section, designed by M. Schmidt. This is one of the best, if not the most successful, in my opinion. It is entirely made with motifs derived from metallurgy and pieces of iron or steel, which are exhibited by the iron-works of Pompey, and in spite of the dryness of each of these elements, taken by itself it forms a whole which is extremely original and even amusing. The consoles in iron spiral springs, the *cartouches* formed of tampions of locomotives of polished steel, the columns, all the decoration, in a word, is obtained without drawing on any matter foreign to that which constitutes the exhibit of metallurgy. Another door composed in the same feeling but less successful, is *vis-à-vis* to it and still belongs to the metallurgical class. It is the work of M. Guerinot.

Passing more rapidly before the door of forest industries, whose originality is too labored and becomes *baroque*, and also before that of portable arms, which is too meagre in its decoration, we will stop with pleasure before the door of the woollen-goods department, designed by M. Courtois. Suffice it to say the whole, Renaissance in style, is very decorative and very brilliant in color. It consists of three bays, fashioned by marble columns of a very beautiful violet tone, heightened by gilding on the capitals, and a brilliantly effective central motive composed by M. Toché, whom we always find on hand where there is need of ability and fine coloring. The panels, painted by M. Rochegrosse, and representing weaving and dyeing, having a somewhat Japanese effect, complete this door, which is one of the successes of the gallery.

By the side of this, rustling with gold and decorations, is the doorway of the silk department, very academical in design and somewhat severe as a whole, but it has a beautiful ordonnance and does not lack for character.

The last two before reaching the rotunda are less interesting, although there is ability in that of the one ably composed by M. E. Bertrand, who, unfortunately, was afraid of giving too much projection and relief and has fallen into the other extreme.

We have seen the vestibule and gallery of honor, and in another article we will pass through the French industrial section, stopping by preference before the products which are associated with architecture and decoration.

M. BRINCOURT.

THE LOTUS IN ANCIENT ART.[1]—VI.

THE ANTHEMION AND THE LOTUS.

1

In specifying the Anthemion as a lotus motive, it is important to insist on a historic aspect of artistic and decorative development, which is not apparent in a time of eclectic copying like our own. In a time which has imitated and mixed together the decorations of every national style and of every epoch of history it is not easy to grasp the fact that in the original development of decorative art it has followed a specific course of evolution, in which ornaments of a certain character were confined originally to certain centres, from which they have radiated or travelled in certain directions according to historical causes.

Since the beginning of Greek history, at least, there is one law of decorative evolution for which there is abundant evidence; viz., that each successive style has followed a definite sequence of development from the simpler to the more ornate phases of a given motive. In the architectural decoration of the Renaissance, Gothic and Romanesque styles, every step in the elaboration of the ornamental style argues a sequence in time, and follows a definite development from the simple to the ornamental, from the ornamental to the elaborate, and from the elaborate to the complex, over-burdened and superfluous, after which the style becomes lifeless and fossilized, and finally disappears. The various distinctions in the nomenclature of the English Gothic are simply distinctions expressing this general law. In the ornamental style of the Renaissance between 1500 and 1550, it is sometimes possible for an expert to date the monuments according to the sequence of style in ornament within a given decade. In the Greek vases of the fifth and fourth centuries B. C. similar differences of style enable the expert to fix the dates occasionally within a quarter of a century.

In the case of the Greek anthemion there is a parallel development, and at a certain stage the influence of plant forms distinct from the lotus is clearly apparent. This influence, especially leaf decorations, is, however, later than the close of the fifth century B. C., and the later anthemions are always built upon an elementary scheme which remains the same, and which preserved its simpler aspect through that time, at least.

This elementary scheme is that of two scrolls or spirals supporting a palmette. In architecture, the anthemion form of the Parthenon may be cited as an example (No. 37). Nos. 38 and 39 are from Athenian tombstones of a later date, and may be quoted as examples of the more ornate subsequent development, which, however, adheres as regards the skeleton of the plan to the original scheme of 37.

In defining the anthemion as a lotus motive, it is this elementary scheme which is in question.

Considering the great abundance of examples of Greek decoration in pottery antedating the fifth century, and the relative scarcity of other material, it is clear why pottery examples will furnish the greatest number of transitions and connecting links in the illustration which is required. To reach the second stage of the later anthemion we turn to the pottery of Rhodes. The first stage is illustrated by the pottery of Cyprus. The third stage and complete illustration of the anthemion, as directly connected with the lotus, is at present writing, and within my knowledge, only furnished by the pottery of Melos.

According to the geographical sequence from East to West, and in view of the greater independence of the Rhodian Greeks from Oriental influence, as compared with the absolutely dominant Orientalism of Cyprus, we have a right to expect in the pottery of Rhodes and from its earliest examples a more Grecianized expression of the lotus form. On the other hand, the close relations of Rhodes with the Greeks of the Nile Delta from the time of their establishment in Egypt in the eighth century B. C. would explain that dominance of the lotus in its pottery decoration which the most casual examination will reveal, and which is also the rule for the Greek pottery of Naukratis.

Among the various forms, we select that which is clearly a more Grecianized expression of the Cypriote lotus motive, through which we have found one way to an explanation of the Ionic capital. No. 1 shows, for convenience of reference, a repetition of this now familiar form of ornament. With No. 2 we enter on the first stage of the Greek lotus anthemion. Without any sort of doubt, this ornament is a Grecianized development of the Cypriote voluted lotus. The curling calyx leaves[2] have grown into spirals; the upper portion is a Greek decorative treatment of the simplified lotus form, the whole filled-in with conventional decoration. We have pointed out that the Greco-Phœnician pottery of Cyprus can clearly date its typical examples back to the fifteenth century B. C., at least. There is no Rhodian pottery of the class in question which could be placed earlier than the eighth century with any certainty. Thus the sequence both in time and in geographical relation is a clear one. No. 3 is a variant showing that we are dealing with a Rhodian type, and not an isolated example, and No. 4 is a related motive from a vase found on the island of Thera.

[1] Continued from page 226, No. 698.

[2] Compare the calyx leaves from nature, Cut 6, Article I, "The Ionic Capital and the Lotus."

The palmate portion of No. 4, is part of a lotus-rosette (ovary stigma) and related to the Egyptian lotus palmette as this has been already explained in previous articles.

We are now prepared to take advantage of the Chigri capital No. 5, of the Egypto-Phœnician ivory details of Nineveh No. 6; above all, of the Egyptian palmettes, to which they are related, and whose derivation from the combination of the lotus-rosette (ovary stigma) with the voluted lotus has been previously explained.

2

3 4

The typical Egyptian forms are repeated here (Nos. 7–14) from preceding articles in order that the vase lotus, Figure 4, may be clearly recognized as a Grecianized and more elaborately decorative treatment of the combination 10 to 14, inclusive, and of the motives 5 and 6.

A parallel is offered by the Rhodian lotus form at 15 as far as the rosette combination is concerned.

Figure 16 offers a typical example of a Rhodian vase of the style from which the details 2, 3, 4 and 15 are taken. These vases belong to a period comprehending the eighth and seventh centuries—probably the sixth as well. The style of decoration in bands of animals—deer, geese, etc., is well recognized as one preceding that in which figured compositions from the Greek myths are represented, although it continued after this later one began. The most archaic vases of this later class were apparently made first in centres nearer the mother country.

5

It is from the Island of Melos, or from a pottery centre of manufacture which has so far revealed itself by examples found on that

6 7 8 9

Island, that the most archaic class of vases figured with Greek myths derives its examples. Few of these vases are known, but their importance for the history of Greek pottery has been recognized in a special publication devoted to them by Professor Conze, of the Berlin Museum. They are supposed by him to date from the seventh century. The dates of particular pieces, as between the vases of Rhodes and Melos, do not, however, offer cause for anxiety, as it is a matter of general information that in the development of Greek art, local schools were variously formed, and that they frequently perpetuated local types beyond the time of a more perfected art in other quarters. Moreover, the ornaments of the Melian vases are clearly enough lotuses when attention is turned to them, although this has not been noticed in the publication of Professor Conze, or otherwise. In my own observation it was the Melian lotuses which first suggested the lotiform origin of the anthemion. It occurred to me that vases of the

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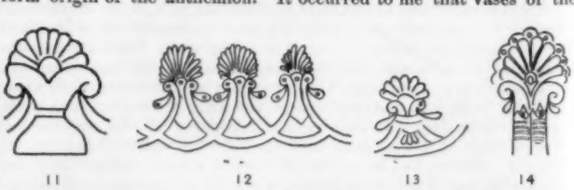

11 12 13 14

Rhodian style ought, on account of geographical position, to exhibit connecting links with the lotus forms of Cyprus, and these were then found by turning to Salzmann's publication of Rhodian vases in his "*Nécropole de Camire.*"

In the decorative details from this and other vases of the same class, we meet a development of the lotus form which passes directly over to the Greek anthemion. The transitions are found in details of one and the same vase. There is no difficulty in recognizing in the ornament 17 a doubled lotus—whose spirals are elaborations of volutes similar to those of 4, 3 and 2—which again have been recognized as more Grecianized forms of 1.

In the ornament 18 the relation to 17 is clear. As contrasted with 17 the pointed petals are replaced by the palmette, as in 4 and

15. The general resemblance as regards proportions, and without reference to the spirals, to the Egyptian lotus palmette in gold repeated at 19 is apparent. It is also to be remembered that the Egyptian motives figured at 11, 14 and at 19, are quite frequently found in the ornamented metal-work discovered in Greek, Phœnician and Etruscan tombs, so that a direct influence of such designs on the vase decorators may be easily admitted. The intimate relations of the Greeks, in general, with those of

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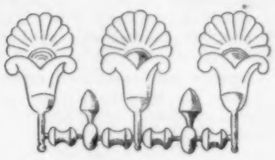
17

16

18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Naukratis would, however, be a sufficient explanation for this and all other Egyptian influences.

As regards the general proportions of the lotus and palmette, and without reference to the volutes, a resemblance may also be traced

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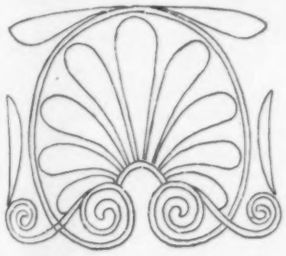
21

22

23

between a Sicilian-Greek architectural lotus palmette figured by Hittorf (20), and the lotus palmettes 18 and 19.

Our next step with the lotus forms of Melos is decisive, especially in view of the fact that 21 and 18 are figured on the same vase. Two points are to be noticed, the free development of the palmette from the stiffer, more formal, aspect seen at 19, and the inversion of the lower scrolls. The Greek decorative feeling, pure and simple, has captured the lotus palmette, and it appears at 22, another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motive from the same vase, in a typical Greek form. This motive exactly resembles the upper portion of 21. It may be compared to the more schematic Rhodian lotus anthemion 4, for indication of the sequent steps by which Greek ornamental art developed from its Egyptian prototypes.

The motive 22 is an excellent type of the Greek anthemion, because in it the two component parts of palmette and spiral are equally balanced. The scheme of Greek ornamental decoration, as regards its scrolls and spirals, is contained in this one example, or develops from it by simple decorative changes,

27

28

of which the most important appear on the same type of vases.

No. 23 develops from 22 by a simple inversion of one scroll.

By carrying the lower unfinished curves of 22 around and upward till they meet above, we obtain another typical form of the anthemion (24). In this case the balance of dimension between spirals and palmette seen in 23 has given way to an enlargement of the palmette and diminution of the spirals. The same variant appears in union with intermediate palmettes in the detail 25 from a Rhodian vase. Both belong to the perfected art of the fifth century. The contrary alternative of palmette diminution and scroll enlargement is represented by 26, also of the perfected Greek art of the fifth century from a Rhodian vase.

If we add to these illustrations, the detail shown at 27 from a Greek vase found in Italy, we shall have fairly covered the typical cases of the anthemion, all reducible to elements which appear in 22 and 23.

We are now prepared to understand that peculiarity of the anthemion borders of the perfected Greek art which alternates recognizable lotuses with the anthemion proper, as shown in the detail of metal decoration (Greco-Etruscan art) at 28, and

29

in so many of the borders published by Owen Jones of which a series is shown at 29, Owen Jones's details.

On the hypotheses so far accepted that the recognizable lotus motives of perfected Greek art are Egyptian but that the anthemion is Assyrian, we are required to find some meeting point where the two foreign forms united before they passed to the Greeks. This meeting-point could only be in Phœnician decoration and here all the indications point to a transmission of an Egyptian lotus palmette to Assyria as starting-point of the Assyrian forms. A reaction of the Assyrian palmette on Greek decoration may easily be conceded and very probably took place through later Babylonian or Persian transmission by way of Asia Minor, but at a time when the typical anthemion was already perfected. The main indication that the Assyrian palmette did not influence the early development of the anthemion is the fact that it does not appear on any of the archaic Rhodian and Melian vases which illustrate this development and that the archaic anthemions do not indicate this influence. If the Assyrian form had any influence on the Greek it must have travelled to the Greeks by local stages, and yet the intermediate pottery of Cyprus, and the archaic pottery of Rhodes, are absolutely destitute of any such palmette forms. On the theory of local transmission the influence should be first apparent exactly in these localities. A rare case of Cypriote lotus palmette is shown at 30, the only instance, so far published in the distinctively Cypriote pottery. The upper portion of this design may be conceived as the preparatory or earlier archaic form of 4, but it has no close relations to the Assyrian palmette.

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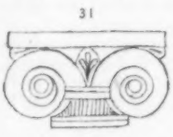
We are forced to conclude therefore that Assyrian and Greek ornamental art are divergent branches of a common tree which was rooted in Egypt and Phœnicia.

As the starting-point of these observations was the Ionic capital we may return to this starting-point to observe once more that only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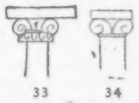
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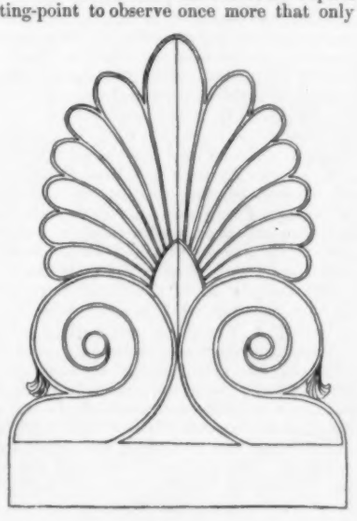
35 36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by the views presented can we unify that form of Proto-Ionic in which the central triangle appears between the volutes with the alternate form shown by the capital of Chigri (Neandreia) Figure 5. With this we may now unite the capitals recently published by Mr

Trowbridge in the *American Journal of Archæology* (31, 32, recently discovered archaic Athenian Capitals, 33 related capital from a Greek vase); The Syrian Proto-Ionic capital of Mashnaka (34) is repeated from the second paper on the Ionic capital for purpose of comparison with these. All are illustrations of the stages by

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39

which the ultimate Greek form was reached. It is not necessary to assume or demonstrate a graded precedence of time as regards these individual instances. Let them be local or traditional survivals of earlier forms and the argument remains the same. Such survivals may be demonstrated for the anthemion even in the Greco-Roman art as appears by illustrations 35, 36, motives from terra-cotta reliefs in the Campana collection of the Louvre. Wm. H. Goodyear.

[The end.]

Books and Papers

Mr. Gilman has rendered an important service to social science in collecting in a convenient little volume[1] authentic accounts of all the experiments, successful or unsuccessful, which have been made in sharing business profits between employers and employés, up to the present time, in regard to which information was available. It is easy enough for persons interested in the subject to find elsewhere glowing accounts of the success of this or that particular scheme; but an unprejudiced review of the whole subject, presenting the bad, as well as the good side, is the only thing that is of real use to people who are disposed to take an active part in social reforms, and this is just what Mr. Gilman has given us. He has, himself, naturally enough, a high opinion of the value of participation in profits as a remedy for the antagonism between master and man which has brought so many misfortunes to the community, but he does not allow his prepossessions to color his presentation of the facts, and he deserves our gratitude for his scrupulous fairness.

It is curious that a large proportion of the successful profit-sharing enterprises date from 1847–48, the era of the fever for liberty which attacked the people of so many European countries, and ended in a dozen unsuccessful revolutions. The most famous of all, the Maison Leclaire, entered upon the practice of its system in 1842; but Leclaire lived in Paris, the hot-bed of socialistic ideas, and was an enthusiastic student of social and economic questions, so that it is natural enough that he should have begun to put in practice the ideas that he had gathered a few years before the propaganda which had affected him began to make its way into the outside world.

It is curious to learn that a theorist was, against his will, the author of the solution of the problem which perplexed Leclaire. From an ambitious and industrious apprentice he had become a successful master house-painter and decorator, and, being warmly attached to his workmen, he was anxious to devise some way of securing their future, without subjecting them to the degradation of accepting charity. Like a practical philanthropist, however, while searching for the ideal system, he practised an imperfect one, which consisted in encouraging his men to form permanent connections, in lending them money without interest, in promoting the establishment of a mutual-aid society, supported by subscriptions, and in maintaining a strict discipline in a trade which had the reputation of comprising the worst and most reckless of all Parisian workmen. About 1835, Frégier, then chief of a Government bureau, and fresh from the agitations which ended in the coronation of Louis Philippe, conceived the idea of writing a book on the "*Dangerous Classes*," who had made themselves so unpleasantly conspicuous a few years before, and went to Leclaire as a man who could probably furnish him with information on the subject. He found in him a social theorist like himself, and the two had many discussions on the questions which interested them both. In the course of these Frégier propounded the doctrine that there was nothing, so far as he could see, which would do away with the antagonism between employer and employed, of which Leclaire complained, except the participation of the workman in the master's profits. Leclaire, as he says, "emphatically rejected" this idea, which was quite inconsistent with the economic theories contained in his books, and, moreover, seemed to him entirely impracticable. Nevertheless, the novelty of the notion attracted him, and, as he says, it took root in his mind. Five years later, after Frégier's book was finished and printed, Leclaire was overwhelmed with orders, and, in thinking how he could contrive to fulfil them all, he "perceived all at once a way" in which he could apply Frégier's profit-sharing idea, and at the same time serve his own interests and those of his best workmen. Frégier himself, on hearing of the scheme, discouraged it, urging all sorts of objections, but Leclaire was determined to try it, and in June, 1840, he assembled his best workmen, to the number of eighty or ninety, and explained to them his plan, by which he proposed to divide the profits of his business with them. As those acquainted with workmen can understand, the proposition was received very coldly, and it was not until two years later, after a long series of formal and informal discussions with the men, that the plan was actually put in operation. In February, 1842, a circular of rules and terms was issued, by which, in February, 1843, a division was to be made among the members of the *noyau*, or nucleus, consisting of forty-four of the men who had been longest in his employ, of a certain part of the profits of the year's operations. The men submitted, rather than acceded. Many of them thought that some trick was being played on them, and one of the workingmen's newspapers openly denounced Leclaire as having contrived a scheme to lower wages; but the majority of the members of the *noyau* thought that he probably meant well, and consented to trust his good faith until the end of the year, but without counting much on their dividend.

The twelve months went by, not very prosperously, but sufficiently so to provide something for the workmen, and Leclaire, who had the lively genius of a true Frenchman prepared a little sensation for the men. On the 12th of February, 1843, he called together the men composing the *noyau*, and, standing before them, threw down upon a table a bag containing nearly twenty-five hundred dollars in coin. Then, opening the bag, he distributed the money among the men. Probably few of them had ever had fifty-six dollars at once in their hands before, and, as might be imagined, from that time the success of the scheme was assured.

Leclaire was of altogether too active a temper to be satisfied with the system he had established. After a year or two, finding that the encouragement which it offered to the men had made them reliable enough to be left a little to themselves, he began some chemical researches on his own account, to try to discover some substitute for white lead, whose poisonous effects on his workmen he knew only too well. With the help of Chevreuil he decided that oxide of zinc presented the most advantages, and after securing some zinc mines, he established a factory for the preparation of this substance which has ever since been exclusively used by him and his successors.

Returning, after this benevolent undertaking had been fairly started, to his profit-sharing plans, he took up the problem of making the yearly dividend more useful to the men by inducing them to lay it by as a provision for old age instead of spending it. He found his men quite averse to exchanging any part of their cash dividend for the prospect of a retiring pension, so, without wasting time in discussion he coolly informed them that unless they agreed to what he thought best, he would add to the *noyau*, as he had a right to do, so many new members that the dividend of each would be very small. The men could not well resist this argument, and concluded to accede to his plan, by which thirty per cent only of the year's profits was divided among the workmen in cash, and twenty per cent was reserved as an addition to the fund of the Mutual Aid Society, from which pensions are paid to superannuated members and to the families of those who die.

Until 1871, participations in the profits of the house were confined to the *noyau*, but in that year Leclaire pushed his idea to its complete expression, by procuring the passage of a resolution by the *noyau*, admitting to the benefits of participation all the employés, even to the apprentices and the temporary journeymen, so that now every man who does a day's work with the Maison Leclaire shares proportionately in the year's profits.

On the 13th of July, 1872, this great man died in his cottage at Herblay, leaving behind him a strong, experienced and well organized association, which he had accustomed to doing without him by withdrawing formally some years before from the firm, and which has gone on ever since in a course of quiet prosperity. Although he transmitted to his heirs only the comparatively modest fortune of a quarter of a million of dollars, he often said that "he could not have accumulated so much even by fraudulent means without the participation of his men in his profits."

Something of the same feeling seems to be common among the masters who have successfully admitted their employés to a share in their profits. In nearly all cases when they speak of the matter, they declare that it has been with them a purely business matter, that it has been profitable to them as well as to their men, and that they are not entitled to any credit as philanthropists. However that may be, there is no question that participation promotes good feeling and consideration on both sides. Even the public usually has occasion to remark gratefully the politeness and attention

[1] "*Profit-Sharing between Employer and Employé*," by Nicholas Paine Gilman. Boston: Houghton, Mifflin & Co. 1889.

with which it is treated in the profit-sharing establishments, and Mr. Gilman's book gives many instances of mutual good feeling between masters and men, which form a pleasant contrast to the usual morals and manners of "business." In fact one of the most interesting things shown in the book to those who believe, as we do, that the prudent and honest use of one's own and other people's property ought to form a part of every child's education, is the effect of profit-sharing in teaching workmen to be careful about small things. In one establishment described, the men are so business-like that no one will even hand over to another an unfinished piece of work without getting a receipt for it, and there are many similar instances of a minute care for details in such establishments which would do credit to the more skilful and experienced manager.

BUILDING LAW.

WHAT IS MEANT BY WORK SATISFACTORY TO THE OWNER?

AGREEMENTS that work or materials to be furnished by one party to a contract shall be "satisfactory" to the other, the purchaser, are of quite common occurrence, particularly in building contracts. The exact meaning, however, of the word "satisfactory" may differ in different cases, and is not always easy to determine. Sometimes it is held to mean "reasonably satisfactory"; that is to say if the work was, in fact, properly done, the owner could not avoid payment by returning it and saying that he was dissatisfied with it.

Sometimes, on the other hand, the word is to be taken in its literal meaning; and, if the owner is dissatisfied with the article and returns it to the manufacturer or contractor, the latter can recover nothing. In such cases, however, if the work cannot be returned, as when permanently affixed to the defendant's premises, the plaintiff would generally be entitled to maintain an action for the fair value of the article deducting what it would cost the owner to make it satisfactory.

If the architect or owner, or whoever draws the contract, intends to reserve the right to reject the material if personally unsatisfactory to the owner, this intent should be made clear by appropriate and unmistakable language. If the matter is left in doubt, taking the instrument as a whole, the courts will be inclined to construe the contract as meaning to the "reasonable" satisfaction of the owner.

These remarks are induced by the recent decision of the Massachusetts Supreme Court in Hawkins *vs.* Graham, a case where steam-fitters sought to recover a bill for a heating apparatus. Our readers will probably recollect that earlier in the year reference was made in the editorial columns of this paper to a somewhat similar case arising in France, and may be interested to note the extreme diversity of the reasoning adopted by the courts in the two cases. The facts also were different; in the French case the apparatus did not work, and in the Massachusetts case it *did* work properly, though not "to the satisfaction of the owner."

In the Massachusetts case the Court lays down the common law as follows:

"The only question in this case is whether the written agreement between the parties left the right of the plaintiff to recover the price of the work and materials furnished by him dependent upon the actual satisfaction of the defendant. Such agreements usually are construed not as making the defendant's declaration of dissatisfaction conclusive, in which case it would be difficult to say that they amounted to contracts (Hunt *vs.* Livermore, 5 Pick. 395, 397), but as requiring an honest expression. In view of modern modes of business, it is not surprising that in some cases eager sellers or selling agents should be found taking that degree of risk with unwilling purchasers, especially where taste is involved. . . .

"Still, when the consideration is of such a nature that its value will be lost to the plaintiff, either wholly or in great part, unless paid for, a just hesitation must be felt, and clear language required before deciding that payment is left to the will, or even to the idiosyncracies of the interested party. In doubtful cases the courts have been inclined to construe agreements of this class as agreements to do the thing in such a way as reasonably ought to satisfy the defendant."

In the contract in question it was provided that the apparatus should be satisfactory to the owner, and there was also this clause:

"In the event of the system proving satisfactory and conforming with all the requirements as above provided for, the sum of $1,575, as above provided for, to be paid by me, after such acknowledgment has been made by the owner *or the work demonstrated.*"

The Court held that the words "or the work demonstrated" qualified the word "satisfactory," so that the contract, taken as a whole, bound the defendant to pay for the apparatus, if it, in fact, worked properly.

Oftentimes in building contracts it is important for the owner to retain an absolute right of rejection, and, generally, no injustice is thereby done the contractor. For instance, it is generally provided that either the owner or architect may reject, absolutely, certain of the materials used in the building (as piles, foundation stone, etc.), which are "unsatisfactory," this being found to be practically the easiest way of compelling the contractor to furnish proper material. Here no injustice is done, for of course the material rejected can be taken away by the contractor, he has only the expense of carting; and there is no inducement for the owner to be unreasonable in his approval of the material, as such a course would only tend to delay the work.

The above case, however, shows that it is important that the right of rejection should be expressed in unqualified terms.

COMMUNICATIONS.

[*The editors cannot pay attention to demands of correspondents who forget to give their names and addresses as guaranty of good faith; nor do they hold themselves responsible for opinions expressed by their correspondents.*]

AN OWNER'S RIGHT TO GIVE ORDERS.

BALTIMORE, MD., June 18, 1889.

TO THE EDITORS OF THE AMERICAN ARCHITECT:—

Dear Sirs,—Please give me an opinion, in the columns of your paper, on the following case:

A being the building-committee and B the architect. A employs B to prepare designs and superintend the erection of a large school-building. The contract containing the usual clause as to ownership of drawings was signed by all parties. After the work had been in progress for some time and all the detail drawings had been finished, A begins to ignore B, and gives orders to contractors directly contrary to those given by B. B remonstrates with A, and points out the evils that may arise from such a course. A, however, pays no attention to B but continues to interfere, giving the contractor orders which will ruin the design of the structure, even if it does not jeopardize the safety of the building. B has sent a notice to contractor to return all drawings and refuses to give them to A, unless A agrees to allow him to finish work his way. Has B any right to pursue such a course, and can he demand a commission for any part of his work? Yours truly, C. E. GARDINER.

[B is wrong. He is engaged to do certain work, and is to receive pay for doing it. If he refuses to complete what he engaged to do, he cannot claim any of the promised compensation, unless he has an agreement of some kind entitling him to withdraw at pleasure and to be paid for partial service. As to interference with his directions, he seems to forget that the building belongs to A, who has a perfect right to construct it in any way that he chooses. It is not likely that the contract requires that the building shall be erected as B wants it, and not as A wants it, and in default of some such contract, B gives directions only on sufferance from the owner, who can supersede and contradict them at his own sweet will. All that B can do is to make sure that the catastrophes which may follow A's directions are not visited on his head, by giving timely and liberal warnings as to the probable consequences of them. In a French court he might stand some chance of being consoled for his experiences by having damages awarded him for injury to his professional reputation through the mangling of his design, but an American jury would find it hard to comprehend anything like artistic property.—EDS. AMERICAN ARCHITECT.]

NOTES & CLIPPINGS.

PROPOSED SUBMARINE BRIDGE UNDER THE SOUND.—Under the paradoxical name of a submarine bridge, a design has been put forward by a Swedish engineer, Mr. Rudolf Lilljeqvist, A. M. I. C. E., for making a permanent railway communication between Sweden and Copenhagen. Although only 2½ miles apart, traffic is frequently interrupted during the winter months by ice, and the trade between the two countries greatly inconvenienced. The proposed structure, which would join Elsinore to Helsingborg, is a bridge composed of 100 feet spans, and carrying a single line of railway. It is to be submerged to such a depth as to allow ample seaway for all classes of ships to pass over it. To protect the trains against the water the entire bridge is to be surrounded and encased by a tube, composed of an outer skin of iron and an inner skin of steel, with the intervening space filled with concrete. The weight of the tube would be such that it would nearly float, and thus would not be subject to any transverse strains. It is foreseen that the outer skin might possibly rust away in course of years, but it is believed that the concrete would remain intact and perfectly protect the steel. The piers would consist of ordinary caissons filled with concrete and placed about 100 feet apart. The tubes would rest on these piers and the girders would take a bearing on blocks inside the tube immediately over the piers. The tube would be built in 100-foot lengths, floated out and lowered into place. The piers would be built in concrete by aid of caissons, and their surface would be formed to receive the tubes, which would be firmly secured to them. As an additional safeguard a massive collar of concrete would be moulded over the joint. The concrete shell would be in lengths to allow for expansion, while the metal shells would be continuous. It is proposed to use in the erection pontoons of the kind which have been successfully employed in building the Tay Bridge. These are rectangular in form, and have a leg at each corner worked by an hydraulic ram. Such a pontoon is floated into place and then the legs are thrust out until the whole becomes perfectly stable. On these pontoons would be placed all the necessary appliances for founding the piers and lowering the tubes into position. The estimate places the cost between 600,000*l.* and 700,000*l.* for the submerged portion, without the approach

tunnels. The advantages claimed for this scheme over a submarine tunnel are the safety and rapidity of construction, and the avoidance of unforeseen difficulties. — *Engineering.*

Fans or Hot-Water. — The entire absence of sanitary arrangements in Chinese towns and villages being well-known, it goes without saying that the laws of hygiene are utterly and entirely neglected. There is no isolation of infectious diseases, and no attention is paid to causes of death unless there is supposition of violence. According to our ideas, therefore, Chinese cities ought to be hotbeds of disease, subjected regularly to those terrible epidemics which, with us, are invariably associated with the neglect of sanitary laws. Strange to say, such is not the case. Epidemics come and go without any apparent reason, appearing, perhaps, suddenly, causing a heavy mortality for a short time, and then as suddenly disappearing again, thus affording an endless field of speculation to the foreign savant. But, speaking generally, Chinese towns enjoy an immunity from these dangerous outbreaks almost as complete as that of well-drained European communities, and the cause of this puzzling and curious phenomenon has been variously explained. The fact is all the more striking when taken in connection with the contaminated water-supplies of Chinese towns, the effect of which on Europeans has been manifested over and over again in the heavy mortality which overtook them previous to the adoption of precautions enjoined by modern sanitary science. The healthiness of Chinese cities has been ingeniously attributed by some people to the universal habit of fanning, a practice which is said to keep the atmosphere in constant circulation. How far this explanation can be deemed to suffice we must leave to experts to decide, but, so far as a contaminated water-supply is concerned, we believe the real secret of immunity from its evil effects to lie in the universal custom of boiling all water intended for drinking. As a matter-of-fact, the Chinese never drink cold water. The national beverage, which, in a true sense, may be said to cheer but not inebriate, is tea, and this is always "on tap," even in the houses of the very poor. The native aversion to cold water is undoubtedly carried to extremes, and certainly induces diseases which might easily be avoided by a judicious system of outward application. In the matter of ablutions it must, however, be admitted, that the Chinese enjoy facilities which, however little they are taken advantage of, are far in advance of anything within the reach of the poorer classes of our own favored land. Every little hamlet in China has a shop where hot water can be bought for a trifling sum at any hour of the day or night. Even in a small fishing village on a remote island in the Gulf of Pechili, where the writer spent six weeks under very unpleasant circumstances during a severe winter, this was the case, and a great convenience it proved. — *The National Review.*

An Electric Indicator for Lightning-rods. — A new instrument for recording when a lightning-conductor has acted is being brought out by Messrs. Hoyer and Glahn, of Schönebeck. Briefly described, this instrument consists of a galvanometer with a long magnetized needle pivoted on a horizontal axis, and kept horizontal by a small weight. Below the needle is a soft iron core surrounded by a solenoid, which is coupled as a shunt between two points of the lightning conductor; and if this core becomes excited, one or the other end of the magnet is attracted, and remains attached by virtue of its own permanent magnetism. The inventors thus hope that the instrument will indicate not only through which conductor a lightning discharge has passed, but also the direction of the discharge, whether up or down. Instruments would be fixed on the various lightning-conductors, and by mere inspection of them after each thunderstorm it would be easy to see which of the conductors are most likely to be chosen by the lightning, and should therefore receive the most attention to keep in good order. — *Inventor.*

Historic Inundations. — No flood so disastrous as that in the Conemaugh region has ever before been known in the history of this country. In the Mill River disaster near Northampton, Mass., in 1874, in which a number of villages were destroyed through the bursting of an ill-constructed reservoir, only 144 were lost, and in the same year, when the rivers of Western Pennsylvania overflowed their banks as the result of an unusual downfall of rain, the number of persons who were drowned was but 220. In the year 1758 more than 400 families were drowned in an inundation at Glasgow; at Dort, in Holland, in 1421, the sea broke in and drowned 100,000 people, and in the most memorable of all inundations — that which in 1530 was caused in Holland by a general failure of the dykes — the loss of life was reckoned at 400,000. In Catalonia, in 1617, 50,000 persons perished by flood; in Silesia, in 1813, 6,000. The loss of life during the recent floods in Austria-Hungary and in China has never been fully reckoned up, and though 100,000 persons are said to have been drowned in the Chinese inundations, the figures are not trustworthy. — *New York Commercial Advertiser.*

To Protect Wood against Fire. — An investigation has been made by Professors Boudin and Donny, of the Ghent University, at the requisition of the Belgian Minister of Public Works, in regard to rendering wood uninflammable. They reported that to deprive wood to a considerable extent of the property of catching and communicating fire it is sufficient to coat it with a suitable composition. A practical process must not be too expensive nor take too much time, and the substance used must not attack any metal used in connection with the wood. Two methods of treatment may be mentioned. One is the injection of saline solutions, which appears but little applicable except to small pieces of wood, and may be dangerous in the case of wood of large dimensions. A concentrated solution of phosphate of ammonia, although expensive, is undoubtedly the best substance to apply by injection. Certain substances, notably chloride of calcium, should be rigorously excluded, because they would keep the wood constantly damp. This method may be applied to small articles by immersion, and the solution should be hot. In the majority of cases, including existing structures, applying some coating with a brush is the only practicable treatment. The wood thus coated should present a neat appearance, and should be capable of receiving a coat of ordinary paint, nor should either coating deteriorate within a moderate time. The best substances for such application are cyanide of potassium and asbestos paint. — *Fire and Water.*

Malleable Bronze. — A patent has been taken out both in England and France, by Mr. A. Sentex, Mr. C. Marechal and Mr. A. Saunier, establishing a process for producing malleable and ductile bronze bars or plates which are free from cracks and blow-holes, are "inoxidizable," and which may be "rolled and drawn with the greatest ease." Moreover, the metal has the appearance and "sonorosity of gold." One-and-a-half kilos. of tin are purified by melting under nitre. Ten kilos. of copper are melted and 50 grammes of equal parts of nitrate and cyanide of potassium are added for the double purpose of reducing the oxides and "fattening" the metal. Then 25 grammes of bitartrate of potassium, with the same quantity of cyanide, are added, and, after poling, the tin is introduced; 25 grammes each of sal-ammoniac and cyanide are thrown on, 1 gramme of "phosphuret of copper" introduced to "impart mildness," and 20 grammes of "Marseilles soap" added, which still further "fattens" the metal. Finally, 1 gramme of sodium is added at the moment of casting. The metal, if cast in sand, may contain more tin, and if the proportion of tin be reduced, the quantity of phosphorus and sodium may be increased. — *Iron World.*

TRADE SURVEYS

There exists a deep anxiety in business, railroad and financial circles over the possibility of a reaction from the present healthful conditions. The exportation of nearly ten million dollars in gold within two weeks, and of some twenty-eight millions since April, the decline in the surplus reserves within a year from nearly twenty-six millions to some nine millions at this time, the urgent demands for funds in the West, the narrowing margins in all lines of business, the general upward tendency in prices — these and other facts and influences are taken by many to indicate that a turn may be taken that will be to the disadvantage of those who have large engagements at fixed prices On the other hand, one hundred railroad companies show an increase in gross and net earnings over last year, but this comparison is made with roads which lost twenty-three million dollars last year. The stocks of anthracite coal are increasing, and are now almost one million tons. The soft coal trade is about as active as usual, but the mining capacity east of the Mississippi is away ahead of demand. Lumber operations are conducted on a large scale, and last week some of the largest contracts of the season were placed, not only among railroad companies, but in the trade at large. Car-builders are in the market to-day for oak and yellow pine. Walnut exporters are doing well. Poplar holds its own everywhere. Trade combinations in lumber, except in Georgia, are maintaining their grip. The policy of wholesalers and retailers is to buy as the trade calls, and to avoid accumulations. It is this that accounts for the generally strong prices. In iron and steel no striking transformation is apparent. Steel-rail mills are filling up, and prices are now, for the first time this year, strong at $28 in the East on all except exceptionally large orders. Bridge-iron makers are also better off than for months, and in this statement plate-iron makers may be included. Nail-makers have been getting rid of large accumulations. Crude-iron makers are doing what they can to push prices on fall deliveries upwards. There is no room for speculative movements in petroleum. Wool is quiet, but strong. Textile manufacturers are making excellent progress, carefully avoiding such a production as would threaten to jeopardize prices through enforced auction sales. Imports are heavy, but the consumptive requirements are extraordinary. It is proper here to remark again that the trust-forming tendencies are stronger than ever; that new combinations are being made and projected; that capital is more confidehtly seeking opportunities therein. The smaller interests are obliged to combine in a great many instances. Legislative control has not retarded or controlled these combinations, and they have apparently entered upon an era of greater activity and scope. In many respects their formation is but the natural outcome, and is in conformity to the general law of progress. In some other respects damage is being done and greater damage threatened. Eventually there will, no doubt, be a sort of popular granger-like agitation and protestation against the entire system.

The architects are closing a very successful half-year. Their statements for the coming half-year, so far as made, point to even greater activity. House-building, especially of small houses, has been very profitable, particularly in the newer and smal'er manufacturing centres throughout the interior. The distribution of lumber of the past thirty days shows the extent of building activity. Building labor is in demand Wages are good, and there are no strikes worth noting. The larger cities west of the Mississippi are keeping up their last year's record. Chicago lumber dealers have contracts for about all the stuff they can get out. The builders of houses, factories, bridges and of large manufacturing establishments in the sections now the theatre of the general industrial revival, have about all they can hurry through before cold weather. What has been said of the activity in the Southern States can only be repeated so far as opportunities for investment are concerned, there are as many as ever, and the inflow of capital continues. Leading financial authorities remark that there never was a period when so much investing was going on in purely industrial and commercial channels. Of course the whole business world is on tip-toe for a general advance in values that will make plants and investments more productive, but the reasons for such anticipation are difficult to assign. The ship-builders were never busier, and in a few months one of the finest, if not the finest yard on the American continent will be open for work at Newport News. The Bethlehem Gun Works are being hastened forward, and much heavy machinery is being put in to turn out exceptionally large work. There is nothing to warrant fears of a reaction in trade. A larger percentage of business is being year by year done on practically a cash basis. The West is yearly becoming more and more financially and commercially independent of the East, and, therefore, self-supporting. A panic or depression in one locality is not as likely to extend to others as a few years ago. National legislation is becoming less political and more of a business character, and business interests and requirements are more clearly studied, and the wishes of business men more respected.

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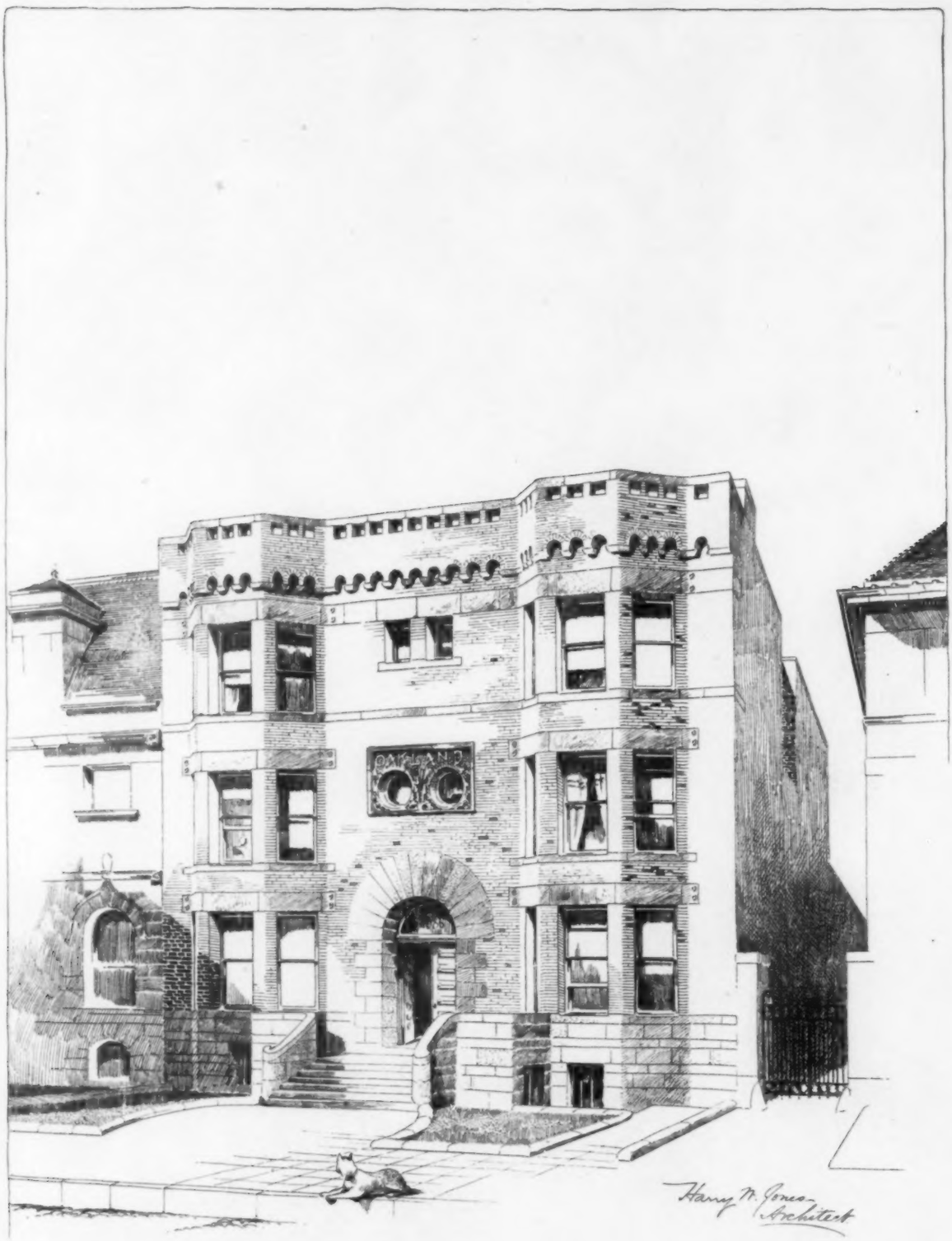
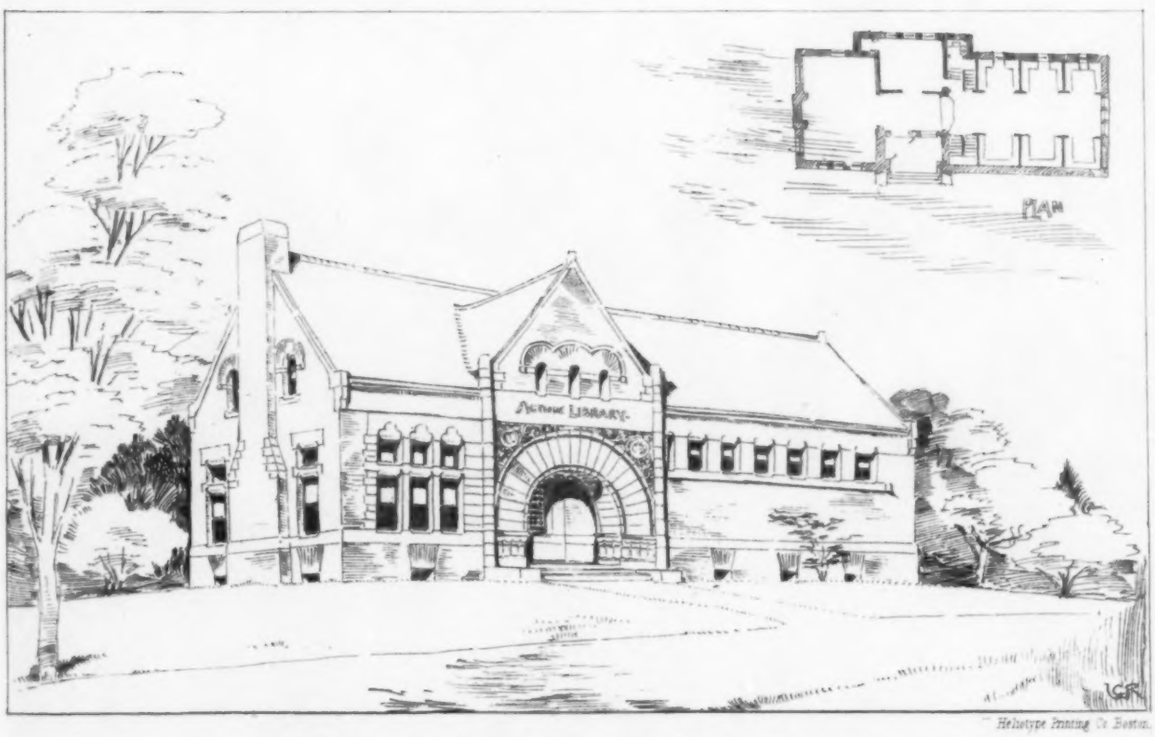


A FAMILY HOTEL, MINNEAPOLIS.

Heliotype Printing Co. Boston.



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No. 705. American Architect and Building News, June 29, 1889.

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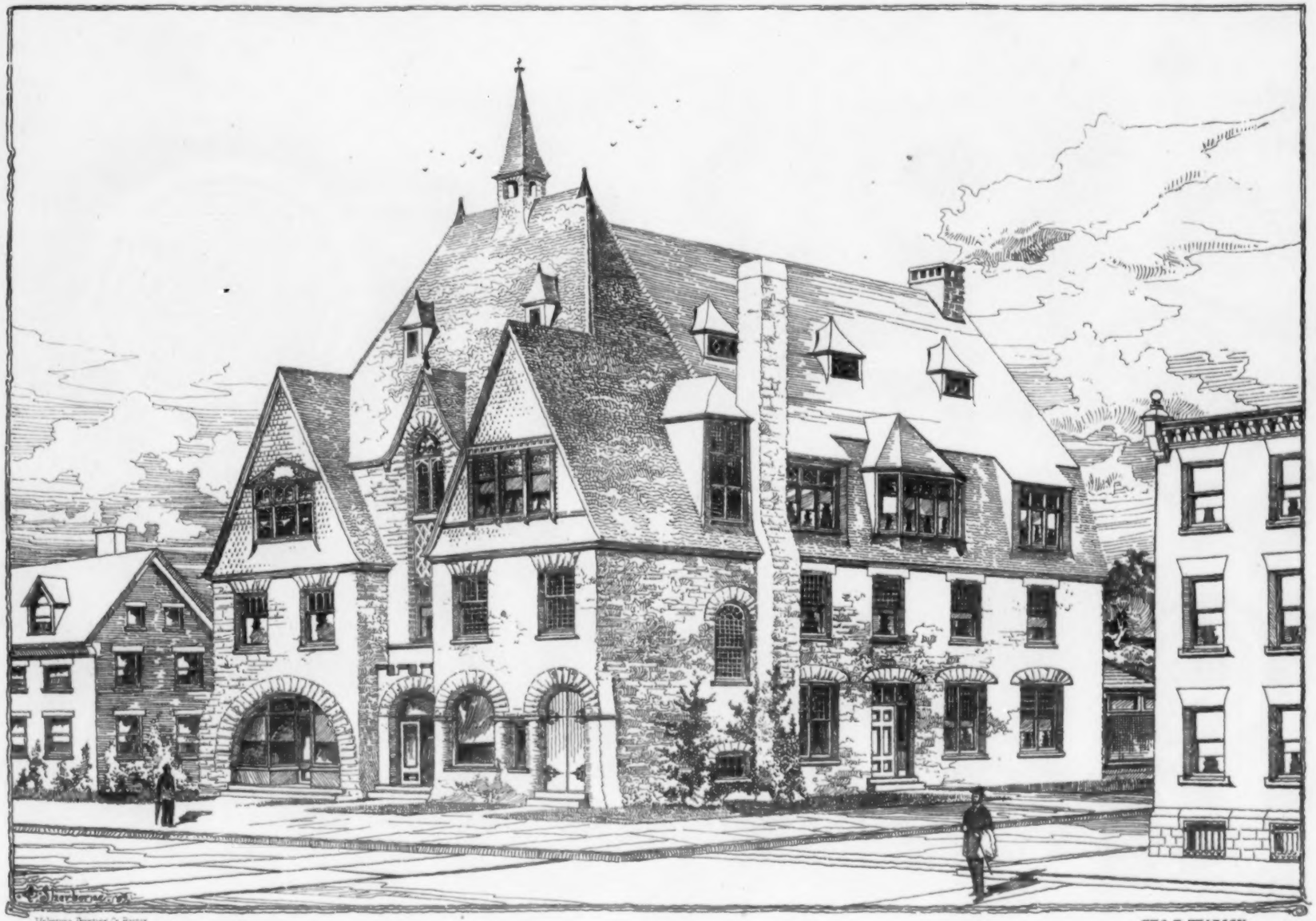

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— LODGE BUILDING —

For — PERSEVERANCE LODGE, No 46, KNIGHTS of PYTHIAS.

AT CHESTNUT HILL, PHILA.

GEO. T. PEARSON, ARCHITECT, PHILADELPHIA.

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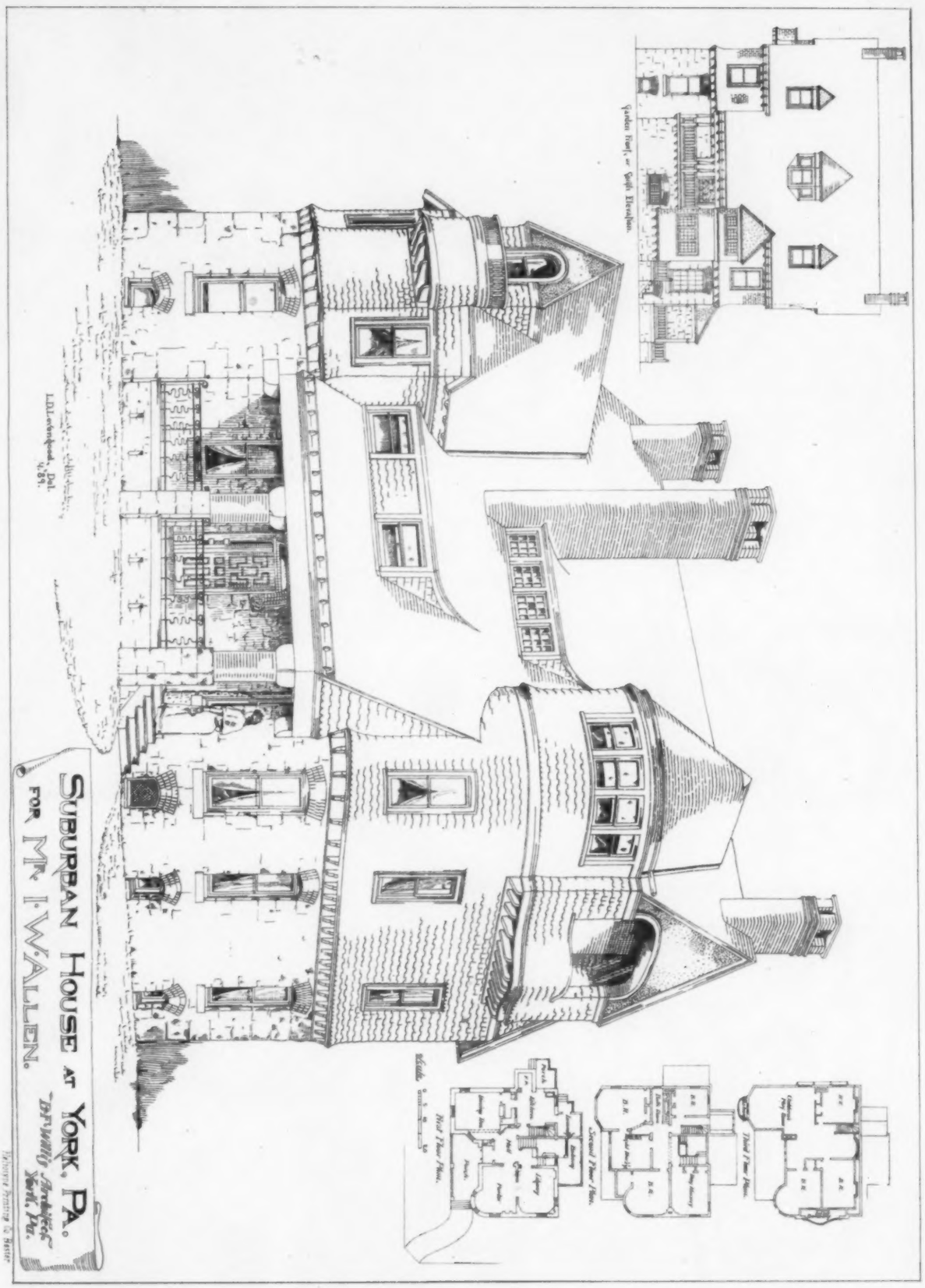

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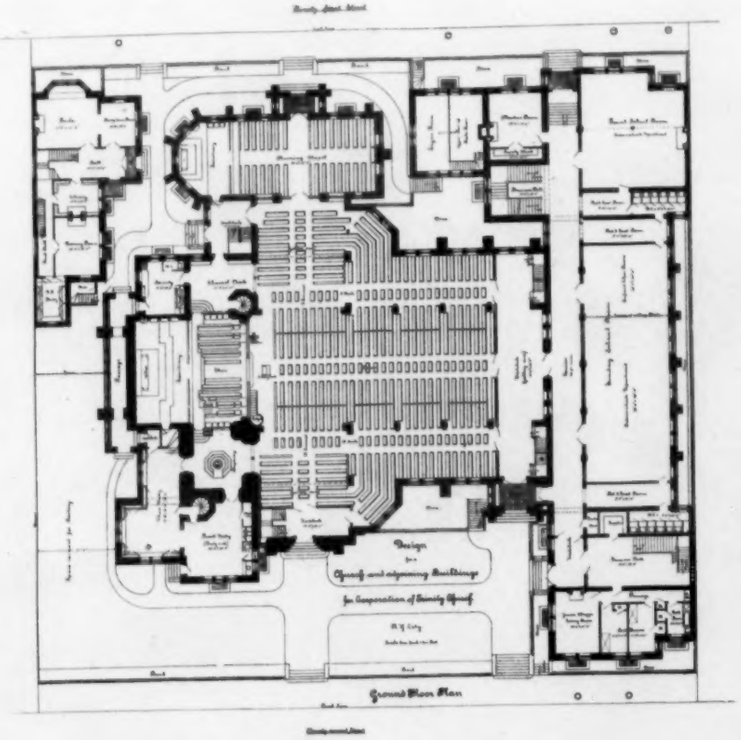
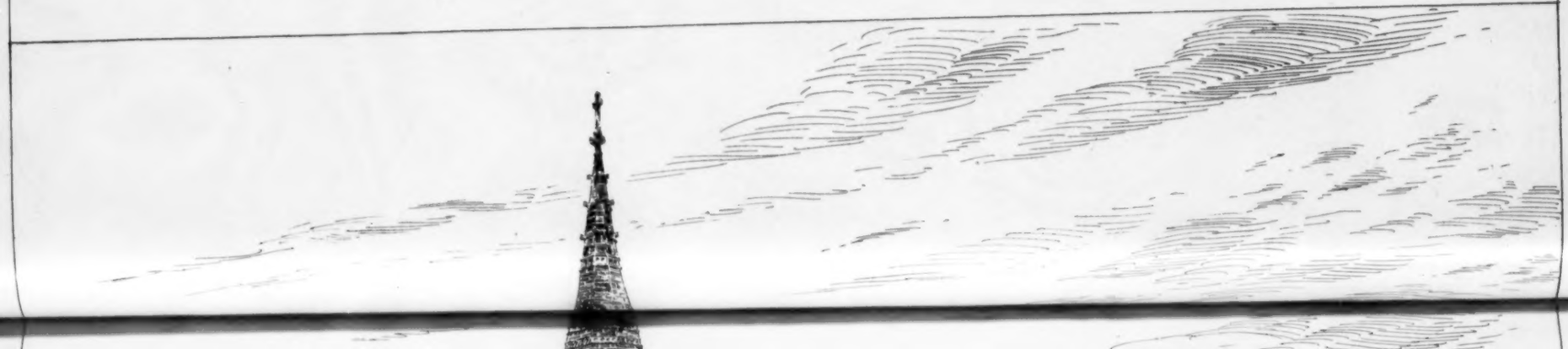
Competitive
DESIGN
for a
Church and adjoining Buildings
for Corporation of Trinity Church
NEW YORK CITY

South Elevation on Trinity Place Street



Ground Floor Plan



Heliotype Printing Co. Boston.

H. Mc. Congdon, Archt.

Perspective View on 92nd St.

Dilexi decorem Domus Tuae.

The American Architect and Building News

ADVERTISERS' TRADE SUPPLEMENT.

No. 79. SATURDAY, JANUARY 5, 1889. Volume XXV. No. 680.

DETROIT HEATING AND LIGHTING CO.'S (BOLTON PATENT) HOT-WATER HEATER.

THE ADVANTAGES OF HOT-WATER HEATING.

THE advantages of hot-water heating over all other methods are manifold. It is the most healthful system known to the scientific world, the most economical in the consumption of fuel, the most durable and the only one which is absolutely safe; it requires the least care, and in its simplicity outranks the plainest of all plain stoves.

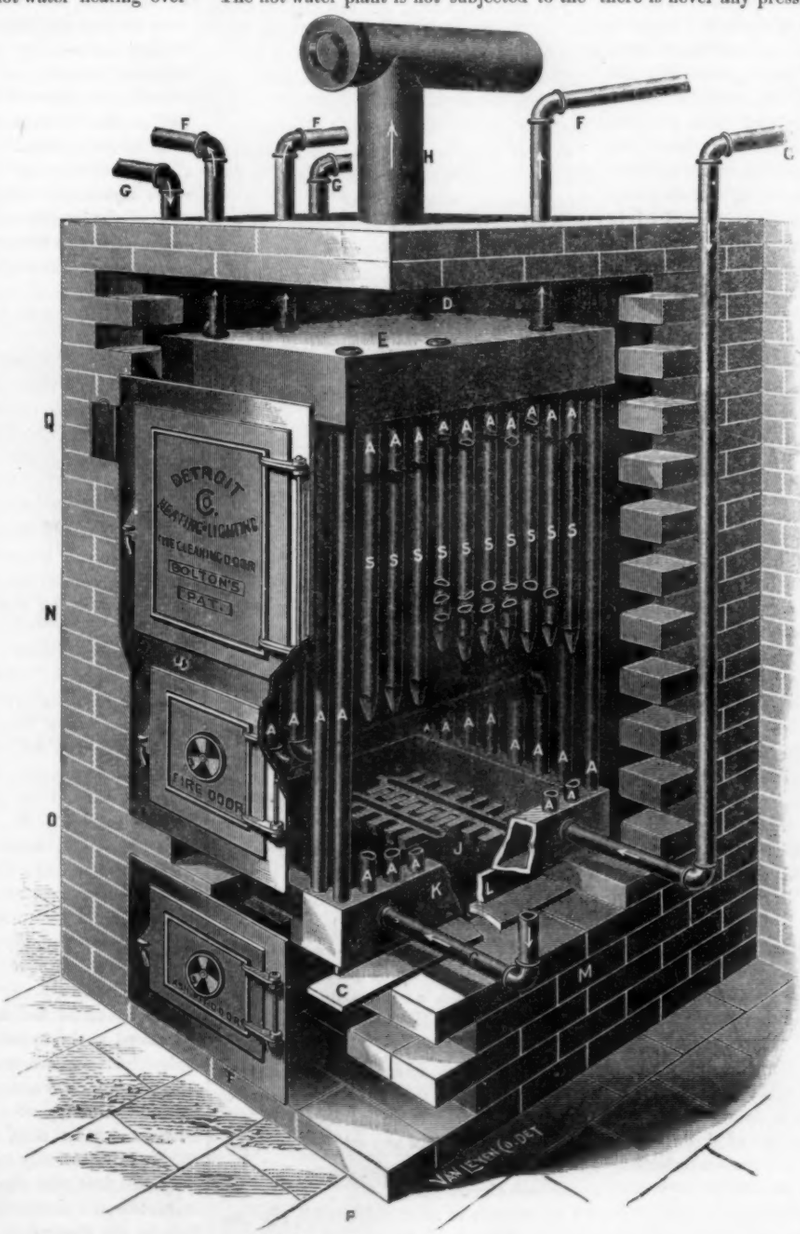
By this system an even temperature, soft and pleasant and free from all poisonous gases, is obtained, and controlled in all parts of the building, regardless of the outside temperature. There are no draughts or blasts of hot or cold air so inseparable with the operations of the hot-air furnaces.

Heat is obtained by the hot-water system as soon as the fire is lighted and continued until after the fire is out and the water cold. With steam no heat is secured until the water boils, and the fuel consumed up to that time is wasted. With the hot-water system the heat is controlled at the furnace, the fire and fuel being directly and immediately regulated to meet the requirements, while with steam the valves of the radiators are made use of and the fuel in the furnace frequently consumed to no purpose. Numerous tests and years of experience prove that a good hot-water system will consume from twenty-five to thirty per cent less fuel than the best steam plants, and from forty to fifty per cent less fuel than a hot-air furnace.

The hot-water plant is not subjected to the wear and tear caused by uneven pressure, expansion and contraction of pipes and regulators that is common to the steam system, and properly put in will last three times as long. Its longevity in comparison with hot-air furnaces is even greater.

The hot-water system cannot explode, as there is never any pressure except the weight of the water, the pipes being open to the atmosphere. There is absolutely no danger from fire, as the fire-box is encased in iron and brick, and the pipes and radiators cannot be heated above 190° to 200°.

The simplicity of a good hot-water system is one of its chief merits. It requires less attention than an ordinary base-burner stove.



THE SPECIAL ADVANTAGES OF OUR HOT-WATER HEATER.

The fire-pot and heater is so constructed that it possesses the largest heating surface of any system now offered the public. (See cut). It is thereby able to heat a larger volume of water in a shorter period of time than any other and is, therefore, more economical in the consumption of fuel. This superiority is obtained partly by using wrought-iron tubes instead of cast-iron, which are thicker and consequently require more heat to affect the water within; partially by the vertical arrangement of the tubes, whereby the water begins to circulate with the first heat (a newspaper furnishing sufficient heat to start the water in motion) and partly by the tubes being brought into direct contact with the heat

in such a manner that no useless fire-bricks intervene or clinkers can form to absorb any portion of the heat.

In point of durability there is no heater that can equal it. In addition to the advantages in its construction, above noted, this heater possesses a merit not to be found in any other. The entire heater is practically one piece, all parts being screwed together. There are no bolts, no flanges and no packings to leak in it — fatal defects that are the source of constant annoyance and frequent repairs in other heaters. Only the very best materials and the most experienced workmanship are employed in its manufacture.

The cut which shows how the heater is encased in brick and iron, speaks of its perfect safety. Its location (generally in the cellar or basement) is further security in this respect. The exposed surface of the covering, either at top, bottom or sides, does not give forth a particle of warmth. A sulphur match left for months on the top will not ignite, and wood, or even paper, can be left on the exposed pipes with perfect impunity.

The extreme simplicity and cleanliness of the heater adds to its superiority over all others. Every portion of the heater is plainly visible, ready of access, and can therefore be cleaned easily. There are no recesses for soot to accumulate in. The fire requires less attention than an ordinary coal stove, a replenishment of the fuel once in twenty-four hours being sufficient during average winter weather, and once in twelve hours being necessary only in extreme cases. No skill is required in firing. Any desired heat can be obtained at once, and an equable temperature maintained in every room in the house regardless of distance from the heater. The heater is entirely noiseless in its operations.

References and further information will be cheerfully furnished upon application to the

DETROIT HEATING AND LIGHTING CO.,
DETROIT, MICHIGAN.

"HIS SECOND SUCCESS."

Over twenty years ago, Mr. E. T. Barnum, of Detroit, commenced in a small way the manufacture of wire and iron work. By industry and perseverance the business rapidly increased, and gradually outgrew the different quarters at which it was conducted, finally becoming so large that Mr. Barnum found it to his advantage to incorporate, although he still continued to be the sole manager.

The business was then pressed with redoubled energy. A large factory, the largest in the world, was built and thoroughly equipped with the very best machinery then known, nearly all of which was especially constructed for his work, and an immense fortune seemed to be practically within his grasp.

But one morning Mr. Barnum saw that factory, the reward of the persevering diligence of years, go up in smoke, leaving only the bare, blackened walls. However, with that untiring energy which had built up one fortune, he commenced again, even before the smouldering ruins were cold.

This was in 1885. It was a difficult and disheartening task to again trudge slowly along the financial stairs up which he had pressed for so many years, and down which he had been so recently and suddenly hurled, but he kept quietly and steadily at work, and is now again firmly re-established with new works built under his own supervision and for his own special use, and equipped with the latest improved machinery.

The present factory is located at Nos. 715, 717, 719 Grand River Avenue, where everything in the line of wire and iron work can be had, and any special order promptly filled.

Mr. Barnum sells goods not only in every State and Territory in the United States, but in Canada, Australia, Brazil, Europe, in fact, there is no considerable portion of the civilized world but what is more or less familiar with his work.

Mr. Barnum is proud of his second success and his course is a good illustration of the fact that in this country all obstacles and misfortunes are overcome by intelligent, diligent and patient work.

He has just issued an illustrated catalogue which will be mailed upon application. All correspondence should be directed to

E. T. BARNUM.
P. O. Box 56, Detroit, Mich.

TRAP-SEAL PROTECTION.

Letter from Mr. Putnam to the *Sanitary News*, comparing the "Trap-Vent" with the "Sanitas" system of plumbing, in reply to Mr. Houman:

BOSTON, MASS., November 23.

To the Editor:

Your correspondent, Mr. Houman, in reply to my letters on "Trap-Seal Protection," asserts that a simple S-trap, protected against siphonage by some form of automatic air-supply, is better than an antisiphon or seal-retaining trap on the ground of cleanliness.

Several important considerations affecting this question seem to have been overlooked by Mr. Houman, which appear to me to be sufficient to reverse his conclusions; and, as these considerations are founded on very careful experiments of mine, some of which have never as yet been published, I will avail myself of your invitation to contribute our experiences on the subject, to present them here.

They may be summarized as follows:

1. No automatic air-supply has ever been invented, nor probably ever will be, which will form a reliable protection against siphonage, although such a form of air-supply, as your correspondent recommends, seems to me to be much more reliable in many ways than the ordinary back-vent pipe.

The scouring properties of a trap are due not to the *absolute* size of its body, but to its *relative* size as compared with the discharge outlet of the fixture it serves.

I have found a common S-trap used under an ordinary small-outlet wash-basin, nearly filled with a jelly-like filth, through which the waste-water passage left was no larger than a man's little finger or than the free outlet of the basin, and not more than a tenth of the capacity of the trap and pipe when new.

There are no "*greatly enlarged cavities*" in a scientifically designed (the "Sanitas") seal-retaining trap. When such a trap is used under a fixture having an outlet as large as its waste-pipe, and the fixture is properly used, so as to fill these pipes "full bore," the scour will be sufficient to keep all parts of the trap clean. When such a trap fouls, the fault is in the fixture or in its usage, and not in the trap.

With improperly formed or used fixtures any trap will, and must, necessarily foul in time, and an S-trap is no more exempt from this law of nature than any other. Even perfectly straight and smooth pipes will foul under such circumstances.

The safe rule to avoid this trouble is *to construct every fixture on the principle of the flush-tank, and to use it as such*, and it is self-evident that no other practice will keep the waste passages clear.

2. Ordinary S-traps, recommended by your correspondent, are liable to lose their seals through other causes than siphonage, such as back-pressure and capillary action, against which the automatic air-supply forms no protection whatever; whereas, our seal-retaining trap is formed with reference to withstanding those adverse forces, and, properly set, it affords perfect security in these particulars.

3. The volume of water in an ordinary S-trap is too small, and the trap is not scientifically designed with a view to the perfect preservation of its seal against evaporation. The automatic air-supply is infinitely better than the back-venting system in this respect, inasmuch as it does not materially increase the evaporation of the water-seal; but the S-trap in the combination is at fault. In a well-designed seal-retaining trap all danger from evaporation is practically avoided.

4. Accepting, then, as evident (as we must) the fact that any pipe or any trap under improperly formed or used fixtures will foul in time, it becomes clear that the seal-retaining trap is safer than a vented S-trap, because even a partial clogging of the latter will close the mouth of the air-supply, and thereby at once destroy the entire value of the device without announcing it to the house-owner; whereas, a clogging of the former will simply retard the outflow of the waste-water, which will at once announce the obstruction and lead to its removal. In no case will such clogging destroy the ability of the trap to resist siphonage, since the relative proportions of the interior remain the same, and the very obstruction which prevented the escape of the waste-water also prevents siphonage and the escape of sewer-air. Practice has shown this theory to be true, after a test of five years.

It is now well known that the mouth of the ordinary back-vent pipe becomes quickly clogged by grease under kitchen and pantry-sinks, and this objection to back-venting is now considered so serious that many practical plumbers are urging its abandonment on this ground alone.

Now, the mouth of the automatic air-supply pipe is, in this respect, precisely the same, and is clogged in exactly the same manner; hence, it must be condemned on the same grounds.

Your correspondent objects to "enlarged cavities" in traps. *What is the mouth of the automatic air-vent pipe but exactly such a cavity?* It is worse than that, since it is a cavity placed precisely where it will be first and easiest filled with filth, and when filled it will never be washed out again since the scour does not reach it. Still worse than that, it is a cavity which, when once even partially filled, will cause the air-pipe to lose its original protecting power; and with this loss the value of the entire apparatus is destroyed.

Finally, worst of all, this loss of protecting power occurs without the slightest warning to the house-owner.

The mouth of the air-supply is, and must be, placed at the upper side of the trap or its outlet-pipe. Grease and those allied matters which cause obstructions in the waste passages by adhering to them are lighter than water, and must float, therefore, to the top. Hence, it is evidently exactly there that clogging must first take place, and cavities placed there, like the mouth of the air-supply pipe, must be the first to be clogged, and in practice it is found that this is the fact.

With our seal-retaining trap, on the contrary, no such dangerous cavities exist. The water-

passage is substantially of the same calibre throughout, and even should clogging through careless usage take place, it could do no harm, but would at once announce itself and be removed.

5. The automatic air-supply pipe, in combination with a trap, forms a somewhat expensive and delicate combination, involving quite a number of joints throughout its several parts, and the use of delicate moving parts and sensitive adjustments and also of free mercury. It would also seem as if water thrown up by back-pressure into the valve and mercury compartment might in time easily destroy its operation.

The seal-retaining trap, on the contrary, is simplicity itself, has no moving parts, and is of solid and durable construction throughout.

6. To recapitulate, then, the very arguments raised by your correspondent in favor of the S-trap, with automatic air-supply, are really the strongest against it, and are in favor of the unvented anti-siphon trap.

The former (the vented S-trap) is not secure against siphonage; has no resistance whatever in itself against back-pressure or capillary action; is not constructed with a view to resisting evaporation; has, as a necessary part of its construction, an "*enlarged cavity*" placed where it is most easily clogged by grease and filth, and where such clogging is fatal to its operation and extremely dangerous to the house-owner; and it is expensive, complicated and delicate in construction.

From all these objections our seal-retaining trap is free, and its practical trial for many years has amply demonstrated the truth of the statement. Respectfully yours,

J. P. PUTNAM.

CHANGE OF PARTNERSHIP.

THE partnership heretofore existing between the undersigned under the firm name of Haines, Jones & Cadbury, has this day been dissolved by mutual consent.

THOMAS J. JONES,
JOHN W. CADBURY,
JOEL CADBURY,
WILLIAM H. HAINES.

November 30, 1888.

HAVING purchased the plant of the late firm of Haines, Jones & Cadbury, we would call attention to our facilities for supplying all kinds of plumbers' and steam-fitters' supplies, and solicit a share of your future trade.

HAINES, JONES & CADBURY CO.,
1136 RIDGE AVENUE, PHILADELPHIA, PA.

SOME NEW SYRACUSE STRUCTURES.

THE scaffolding, which has encumbered the Everson and Lynch Blocks, on South Salina Street, has been removed, and two handsome buildings are presented to view. There is a certain similarity in the structures owing to the free use of pressed-brick and terra-cotta.

The Everson Block, which adjoins the Weiting Block, is from designs by Messrs. Baxter, Buell & Tabor, and is as near fireproof as it is possible to make it, being constructed solely of iron, stone, brick and terra-cotta, none of which have very good burning qualities. This building is seven stories high, and has a frontage on Salina Street of forty-four feet, and from cornice to sidewalk it is just 100 feet. The ground-floor will be taken up with a double store 40 x 137 feet, divided through the centre by nine massive iron columns. The second-story front will be finished for occupancy by a bank, and will be fitted with stone and steel vaults. The front of this building is very attractive, and is beyond question the most imposing structure on South Salina Street. The piers each side of the stores are of Carlisle brown sandstone, and the second and third stories are of the same material. Above the third floor the front is of iron, brick and terra-cotta. No wood is used, nothing but iron girders and pillars from cellar to roof. The chief attraction centres in the terra-cotta work, which is of very choice design. It shows what can be done with architectural terra-cotta, whether used in friezes, window-caps or coping. The latter is a work of art in itself, and the New York Architectural Terra-Cotta Company, of No. 38 Park Row, New York City, naturally feel proud of their work, as do the architects. The iron-work is from the Trenton, N. J., Iron-works, which is being erected under the supervision of James B. Cornell, of New York, while Messrs. O'Brien and Hoolihan, of this city, have the contract for the masonwork. The Lynch Block adjoining, from designs by Architect Russell, shows a magnificent front, stone, pressed-brick and terra-cotta being the materials employed. There are some fine designs in the terra-cotta work, which is furnished by the same company as above mentioned. This building, which is being erected by Messrs. O'Brien and Hoolihan, is six stories high, and reflects great credit upon its designer. These two blocks, artistically considered, are the handsomest structures on Salina Street.

The new Grand Opera-House Block is being rapidly pushed. There was a hitch over the employment of non-union masons by Messrs. Ryan & Rafferty, which was adjusted by Mr. Moore going ahead with the work himself. The plans and elevation for the block have been perfected by Architect Russell, and McElfatrick & Son, the New York theatrical architects, will attend to the plans for the opera-house proper. The block will be four stories high, with an additional mansard in the centre of the block. On the ground-floor there will be space for six stores, running from Genesee to Fayette Streets. The opera-house will be located on the second floor, as in the old building, and will be reached by a twenty-foot lobby from Genesee Street. The upper floors of the block fronting on Genesee Street, will be devoted to offices and halls, and every foot of space will be utilized. The building will be constructed of Trenton brick and terra-cotta, some of the latter showing some very fine carving. This work is also furnished by the New York Company. The style of architecture belongs to no particular school, and may be described as "modern." The general arrangement of the interior of the opera-house will differ very little from the old structure. It will be much more elaborate, and will be a model structure of its kind, with every precaution for safety and means of exit in case of fire. What it will cost to erect this new temple of amusement, Messrs. Moore and Lynch will know when they get through. It is intimated that it is contemplated to add another story to this structure, which would make it five stories, with mansard. — *Syracuse Real Estate Record, December* 8, 1888.

MAHOGANY.

IN our desire to extend our business in the sale of Mahogany it occurs to us that if more were known regarding this standard wood, its adoption and use would become much more general. We believe an impression exists that it is an expensive wood only to be indulged in by the few — this however is not the case.

The facilities for procuring Mahogany in its native country and the devices for reducing it into lumber have so improved, that its cost to-day compares favorably with some of our domestic hardwoods, notably Cherry.

We are prepared to supply Mahogany of the best texture and grain as low as fourteen to sixteen cents per foot on cars in New York — the grade known as "seconds" at seven to eight cents per foot — and a grade between the two at ten cents. In measuring these grades last mentioned allowance is made for faults, and there are very many places where for small work these grades prove very advantageous.

The cost of working Mahogany is certainly not greater than any of the domestic woods — computing then for any given work, this difference in price of the raw material, the cost of Mahogany over the domestic hardwoods will be found to be small.

It is universally acknowledged that Mahogany warps less, stands better, and is in every way more reliable than any other wood known: it is the only wood that grows more beautiful with age, all other woods grow dull and deteriorate in appearance. Mahogany has been called the "king of woods," and it imparts to an interior, a tone and richness conceded by all. Will not therefore the intrinsic value of a private residence or a public building finished in Mahogany warrant the use of this wood at a greater difference in cost than we have here set forth?

Inasmuch as there appears to be a vast deal of misinformation regarding Mahogany, we are led to place before you the actual facts. We are sometimes met with the assertion that there is now no Mahogany, that it is all "Baywood." As well might one argue that there is now no Black Walnut from the fact that it is no longer supplied (to but a small extent) from Ohio and Indiana, but largely from the Indian Territory. Thirty years ago Mahogany was commercially designated as "St. Domingo" (from the Island of St. Domingo) and "Baywood" or "Bay Mahogany" (from the vicinity of the Bay of Honduras in Central America). The Central American wood was rightly condemned as being too soft, of light weight, straight-grained, and characterless: in later years it has ceased coming to this market, but one cargo having arrived at the port of New York (now the largest Mahogany market in the world) in six years. St. Domingo Mahogany likewise exists, we may say, in name only. The original growth of the Island of St. Domingo has been long since utilized, and the importation of small lots at exceedingly long intervals are only of the small and stunted second growth, crooked, stained and defective, only individual logs of good size and quality are now and then to be secured. The markets of the world are now therefore principally supplied from Mexico. The Island of Cuba furnishes considerable quantities of a smaller size (more especially valuable for small work) which is hard and of good texture; but the great bulk of the Mahogany used in later years is supplied from the forests of Mexico. This great area of country however produces not only our largest and most beautiful grades of Mahogany, but also some of the softer and less desirable grades, somewhat resembling the Baywood or Honduras Mahogany of olden time, though still better.

This we regard as an important fact to be noted by architects and others interested in the use of Mahogany, for here arises the

difference in opinion on our Mexican Mahogany of the present day, some claiming it is soft and unlike genuine Mahogany, and others that it is hard and beautiful in texture. It is *both*, as we have explained. Let the architect or householder specify Frontera Mexican Mahogany or similar, and if the specifications are followed the result will be all that can be desired. Frontera is the shipping point for the better grades of Mexican Mahogany.

In the erection of buildings of all classes, there is in general a steady advance toward improvement. In recommending the use of Mahogany we believe the simple statement of facts is sufficient to warrant its adoption, and architect and client will derive in its use a satisfaction far outweighing the small advance in cost. We therefore feel that we are warranted in calling the attention of architects and builders to this subject, and asking their influence and co-operation to the end indicated. We shall take great pleasure in giving attention to any correspondence, and in giving any further information in our power.

W. E. UPTEGROVE & BRO.,
457 East Tenth Street, New York, N. Y.

NOTES.

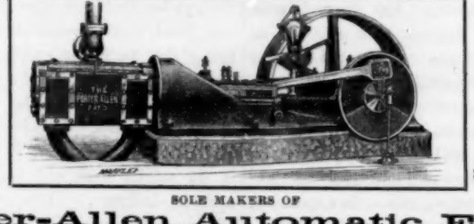
The sales of Babcock & Wilcox boilers during October and November, 1888, were as follows: Chicago Sugar Refining Co., Chicago, Ill., fourth order, 1,088 horse-power; Brooklyn Sugar Refining Co., Brooklyn, N. Y., fifth order, 488 horse-power; Westinghouse Brake Co., Wilmerding, Pa., third order, 480 horse-power; Aitken, Mitchell & Co., Gowan, Glasgow, Scotland, 110 horse-power; Societé Générale des Monteurs de Boites d'Or, Besançon, France, 35 horse-power; James Simpson & Co., Pimlico, London, sixth order, 414 horse-power; James Miller & Co., Melbourne, Australia, 312 horse-power; R. & J. Salmond, Aberdeen, Scotland, 40 horse-power; A. Verastegui, Havana, Cuba, 300 horse-power; Singer Mfg. Co., Kilbowie, Scotland, eighth order, 93 horse-power; N. K. Fairbanks & Co., St. Louis, Mo., 140 horse-power; John Collins, Denny, Scotland, fifth order, 240 horse-power; Brazilian Extract of Meat & Hides Factory, Ltd., Parcdas, Porte Alegre, Brazil, 124 horse-power; Schwarktzopff Co., Berlin, Germany, 82 horse-power; Kansas City Electric Light Co., Kansas City, Mo., second order, 276 horse-power; Central Railroad of New Jersey, Jersey City Station, 368 horse-power; Girard Estate, Philadelphia, Pa., fifth order, 122 horse-power; Summerlee & Mossend Iron & Steel Co., Mossend, Scotland, 700 horse-power; James Simpson & Co., Pimlico, London, seventh order, 124 horse-power; Maitland, Phelps & Co., New York City, for Luz Electriccita, Oxaca, Mexico, eighth order, 61 horse-power; Edison Electric Illuminating Co., Paterson, N. J., second order, 250 horse-power; Calvart & Co., Gothenberg, Sweden, 124 horse-power; Sharp & Kent, London, England, 104 horse-power; C. Tattersall, Manchester, England, 75 horse-power; Edison Machine Works, Schenectady, N. Y., fourth order, 146 horse-power; Devoux Freres & Co., Adrimont, Vorviers, Belgium, 75 horse-power; R. E. Crompton & Co., Chelmsford, England, 165 horse-power; Anthony Shaw, Son & Pamphilon, Burslom, England, 166 horse-power; Gomex & Pearsall, New York City, for export, 73 horse-power; Decastro & Donner Sugar Refining Co., Brooklyn, N. Y., eighth order, 385 horse-power; Beau & Bortrand Faillet, Paris, France, 120 horse-power; Alexander B. Bary, Moscow, Russia, nineteenth order, 73 horse-power; Ing'o Jesus Maria, on Sta. Ana, Cuba, 150 horse-power; Berliner Machinenbau Actien, Gesellschalt, Berlin, 122 horse-power; Prentice Brothers, Stowmarket, Eng., 105 horse-power; Agar Cross & Co., Glasgow, Scotland, 51 horse-power; American Brake Co., St. Louis, Mo., 125 horse-power; Westinghouse Electric Co., Pittsburgh, Pa., 328 horse-power; Anglo-American Brush Electric Light Corporation, Ltd., London, England, fifth order, 84 horse-power; Anglo-American Brush Electric Lt. Corporation, Ltd., London, England, sixth order, 62 horse-power; Joaquin Arango, Rio de Janeiro, Brazil, 35 horse-power; Jonathan Ring & Son, Philadelphia, Pa., second order, 104 horse-power; Charles McNeil, Jr., Glasgow, Scotland, 126 horse-power; M. M. Mosser & Fils, St. Etienne, Loire, France, 45 horse-power; Chavanne Brun & Co., St. Chamond, France, 248 horse-power; Charles Schlaeber, Paris, France, 20 horse-power; Alexander B. Bary, Moscow, Russia, twentieth order, 104 horse-power; William Beardmore & Co., Parkhead, Glasgow, Scotland, 140 horse-power; Consolidated Electric Light Co., New York City, second order, 250 horse-power; making a total of 9442 horse-power.

The Whittier Machine Company have recently constructed for the United States Treasury Department at Washington, D. C., an hydraulic freight elevator, operated by their Pressure Tank System; for Mr. John H Clark of Amesbury, Mass., one hydraulic freight elevator; for the Continental Bank Building, Boston, a steam elevator for their passenger service; for Dr. Baker's house, No. 22 Mount Vernon Street, Boston, an hydraulic passenger elevator; and for the Coy Paper Company of West Claremont, N. H., a horizontal steel boiler, five feet in diameter.

The manner in which Messrs. Dexter Bros., propose to illustrate their advertisement will make it worth while to look at it each week.

Southwark Foundry and Machine Company,
PHILADELPHIA, PA.

BOILERS. TANKS. STEAM HAMMERS. HEAVY CASTINGS.



BLOWING AND REVERSING ENGINES. CENTRIFUGAL PUMPS. STEAM PUMPS.

SOLE MAKERS OF
Porter-Allen Automatic Engine.
HIGH ECONOMY. DURABILITY. CLOSE REGULATION.

ESTABLISHED 1872: REORGANIZED 1885.
THE HELIOTYPE PRINTING CO.
211 Tremont St. Boston, Mass.
ILLUSTRATIONS PRODUCED BY THE MOST APPROVED PHOTOMECHANICAL PHOTO-LITHOGRAPHIC AND PHOTO-ENGRAVING PROCESSES
Photo-Mechanical Printing.
Photo-Lithography.
Photo-Engraving and Zinc Etching.
Photo-Caustic Printing.
Lithography.
Chromo-Lithography.
Direct Transfer.
Designing.

ATLANTIC WHITE-LEAD & LINSEED-OIL CO.,
MANUFACTURERS OF
"ATLANTIC" PURE WHITE LEAD,
—AND—
Pure Linseed-Oil,
Raw Refined and Boiled.
ATLANTIC WHITE LEAD PURE WARRANTED ROBERT, COLGATE & CO. TRADE MARK
The best and most reliable White-Lead made,
And unequaled for
Uniform Whiteness, Fineness, and Body.
ADDRESS,
Atlantic W. Lead & Lin. Oil Co.
287 Pearl St., NEW YORK.

PHILADELPHIA, 56 North 7th St.
149 Michigan Ave., CHICAGO.
CINCINNATI, Room 47, Hammond Building.
A. O. GOSHORN, Agent.
HEROY & MARRENNER,
124 & 126 South Fifth Ave. NEW YORK, 102 & 104 Thompson St.
Glass Merchants and Importers.
—MANUFACTURERS OF—
PLAIN AND BEVELED FRENCH LOOKING-GLASS PLATES.
POLISHED AND CRYSTAL PLATE, —IMPORTERS OF— CHANCE'S MUFFLED (a New Art) GLASS.
FRENCH WINDOW AND PICTURE GLASS,
CHANCE'S CROWN BULLIONS, —ALSO— CHANCE'S CATHEDRAL GLASS,
CHANCE'S 26 OZ. ENGLISH CRYSTAL SHEET GLASS.
Recommended for fine Residences as a *substitute for Polished Plate*, being superior to any other Foreign Sheet Glass on account of its FLATNESS and *brilliancy* of *surface*, avoiding the distorting effect of ordinary *Window Glass*.
Estimates furnished on Application.

The American Architect and Building News

ADVERTISERS' TRADE SUPPLEMENT.

No. 80. SATURDAY, FEBRUARY 2, 1889. Volume XXV. No. 684.

THE GEARED HOIST MACHINE.

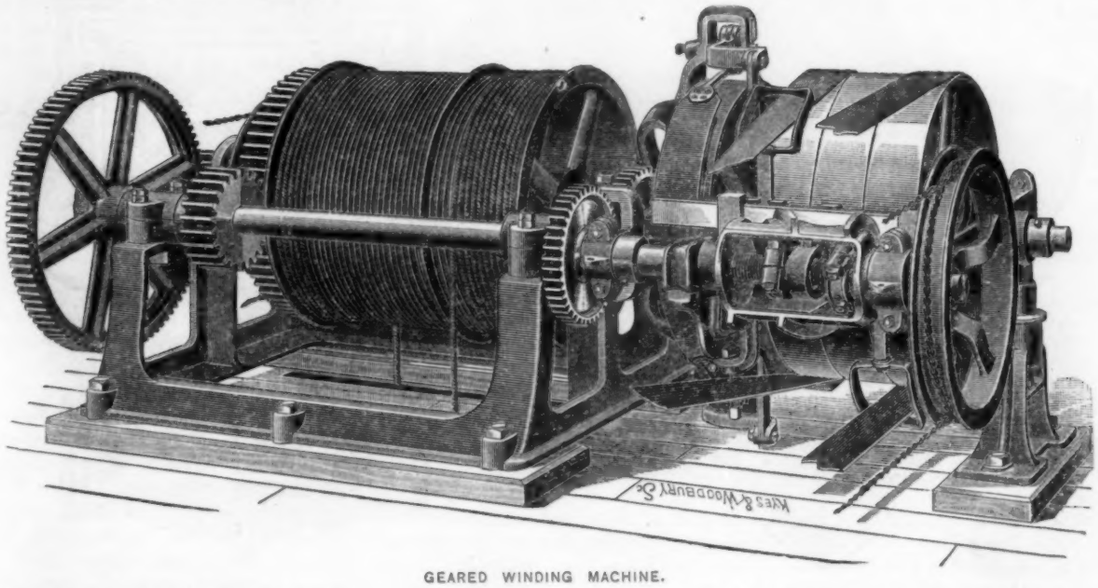
The Geared Hoist for passenger or freight elevator service as shown, has several new features; both pinion and gears are cut by the most approved methods, securing greater accuracy than has been attempted heretofore in the same class of machinery, and giving a smooth and noiseless motion at a high speed. It is provided with a Centrifugal Governor that acts in case the belts break in descending; has Slack Cable Device that stops the car instantly and applies the brake, keeping the cables taut on the drum when the car is obstructed in its descent. It is also provided with Automatic Drop Forge, Wrought-iron Stop Device, which absolutely prevents breakage. The machine is right or left hand and can be placed in any position desired as the belts will run at any angle. The pulleys are self-oiling, requiring attention only once in six months. It is manufactured by Morse, Williams & Co., Philadelphia, New York and Boston, who also manufacture Hydraulic, Worm Geared and Hand-Power Elevators.

MORSE, WILLIAMS & CO.,
PHILADELPHIA, PA.

A LARGE EAGLE.

The tower of the new City-Hall at Fall River, Mass., is to be surmounted with an immense eagle, nine feet in height with proportionate outstretched wings made of sheet copper artistically hammered into shape and very strongly made from a design furnished by William R. Walker & Son, architects, and manufactured by Thomas W. Jones at 172 Front Street, New York. It is the largest eagle ever made for such a purpose and will be a permanent ornament to the building. Mr. Jones's tower ornaments, weather vanes, finials, etc., made from all sorts of curious and unique designs of architects are to be seen from one end of the country to the other, as he uses only copper or brass — which though more expensive than other metals, is far more durable — and gilds only with pure gold leaf. Some work is still defying the elements after twenty-five years of use.

THOMAS W. JONES,
NEW YORK, N. Y.



GEARED WINDING MACHINE.

PORTLAND CEMENT.

The subject of Portland Cement is one of increasing importance, and each year finds the amount imported larger than the preceding year. When this article was first introduced into America, it was almost exclusively English in its manufacture. For some years, this held the preference, but the German manufacturers were steadily improving, and they forced their way to the front until at the present time the German Portland Cements are acknowledged by experts and the principal artificial-stone manufacturers to be the best on the market.

This is especially true in regard to the cements from Stettin which have always been noted for their quality. The Stettin ("Anchor" brand) Portland Cement, as its names implies, is made near the city of Stettin. It has been in use in the United States since the middle of 1885, and since that time has met with great favor.

It possesses the following merits:

1. It is always uniform.
2. It is very finely ground.
3. It is of a good color.
4. The packages are large and of full weight.
5. The barrels are lined with thick asphalt paper.
6. It is cheap, because it will do more work than most other brands, as it will carry more sand.
7. It never fails to give satisfaction.

Last year between 10,000 and 15,000 barrels of this cement were used in St. Augustine, Fla., in the construction of the large hotels and the restoration of the old Spanish Cathedral, etc.

A recent test by the Dock Department of New York, gives the following results:

Fineness. 98½ per cent through a 2,500 mesh sieve.

(The Dock Department only require 90 per cent.)

Tensile Strength. Mixed neat and broken in seven days — 467 pounds per square inch.

(The Dock Department only requires 300 pounds.)

Mixed, one part cement, two parts sand,

and broken in seven days—240 pounds per square inch.

(The Dock Department only require 125 pounds.)

Capt. W. W. Maclay, the engineer in charge of the Testing-Department of the Dock Department of this city, says:

"This cement is very finely ground and the tensile strength both neat and gauged with two parts standard sand at the end of seven days is high.

"The test is therefore a very satisfactory one, as the cement is very finely ground and perfectly reliable."

He also made a twenty-eight day test with the following result:

Tensile Strength. Mixed neat, 575 pounds per square inch.

Mixed, one part cement, two parts sand, 274 pounds per square inch.

Of this he says:

"The twenty-eight day test confirms the good opinion I gave about this cement, based upon the result of the seven day test.

"The tensile strength is very high both with sand and gauged neat, and taken in connection with the fineness and general satisfactory working, places this cement in the rank of the best Portland Cements in this market."

Do not fail to send for my pamphlet on Portland Cement.

For prices either for immediate delivery or "to arrive" write to

ERSKINE W. FISHER,
Wells Building, 18 Broadway, New York, N. Y.

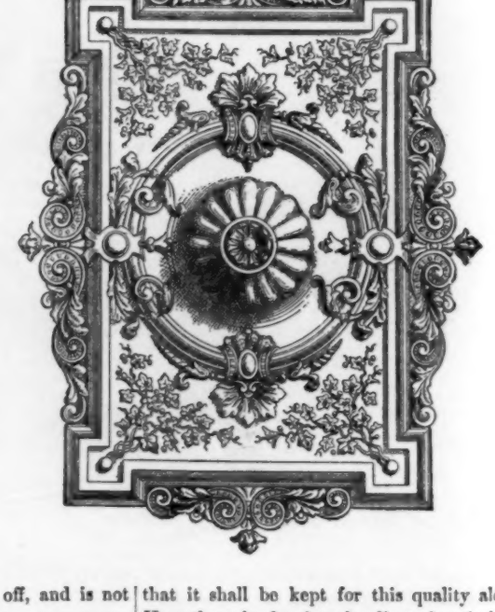
These centres are all finished before leaving the factory, and painted a lustreless white, to correspond with plaster-finish of ceiling, and are priced in this way. They can, however, be painted and ornamented to suit the taste of purchasers, and to correspond with style and decoration of room where used. These centres are simply screwed to the ceiling after plastering is put on, and can at any time be

taken down, cleaned, and replaced without damage to the ceiling or centre-piece.

We present, also, a few designs of sheet-metal interior cornices and ceilings, which we will be pleased to price on application, and which will be found far cheaper than work of corresponding style in any other material. Another, and probably the chief advantage of this class of work is its extreme light weight as compared with stucco, and the fact that it will not crack or fall off, and is not injured by water.

Correspondence solicited. Always state whether work is to be sent by express or freight.

BAKEWELL & MULLINS,
Salem, O.



SHEET-METAL AS INTERIOR DECORATION AND FINISH.

Sheet-metal work for ceiling decoration and finish has long been used in Europe, while in this country it has only recently been introduced, and it is, therefore, comparatively little known. As used for ceiling centre-pieces, it possesses great advantages over the heavier and more expensive stucco and cast work, which will at once recommend it to those in want of ornamentation of this character.

The principal advantage claimed for sheet-metal centre-pieces is the extremely low price at which they can be sold, beauty of finish, durability, lightness, the ease with which they can be put up, and the fact that they may be shipped without danger of breakage.

COALITION.

Pittsburgh, Pa., January 1, 1880.

The business of the Hartman Steel Works, at Beaver Falls, heretofore conducted by the Hartman Steel Company, Limited, has been transferred to Carnegie, Phipps & Co., Limited, by whom it will hereafter be controlled.

The works will hereafter be known as the Beaver Falls Mills, operated by Carnegie, Phipps & Co., Limited.

Hartman Steel Company, Limited, by J. G. A. Leishman, Chairman.

Carnegie, Phipps & Co., Limited, by Wm. L. Abbott, Chairman.

CALENDARS.

The makers of calendars, and those who use for an advertising placard these useful aids of daily commercial life as a species of side issue, seem to be divided between several classes. With every class the real object is the same—to impress on the memory of the beholder that So-and-So deals in such and such goods, at such an address.

One class seeks to achieve this end by the pyrotechnic method, attempting to make a single but lasting impression, following the methods of the theatre placard-maker in size, much color and audacious movement. This class is not nowadays a very large one.

With all the other classes there is a common leading idea—to secure the preservation of the calendar, or rather the advertisement, as long as possible, and the methods employed are various. With one class the inducement is to make the advertisement wholly subordinate to the calendar, and to make the calendar itself as useful as possible as to convenience of size, method of arrangement and legibility. The best specimen of this class that has come to us this year is the calendar issued by the Boston Lead Manufacturing Company.

The principle that guides the issue of another class of calendars is to make the article as intrinsically artistic as possible, so that it shall be kept for this quality alone. Here the calendar is subordinated entirely to the decorative treatment, and the advertisement is skilfully worked in with it on the face of the picture, or is relegated to the back of the sheet. The most attractive calendar of this type that has come to us this year is that issued by the Smith & Anthony Stove Company, of Boston, a calendar similar to the one issued by them last year. Two out of the six leaflets, in chromo-lithograph, are extremely satisfactory in treatment, and the others are on a par with other good commercial color-work. Another establishment, the Taunton Iron Works Company, of Boston, issue a similar calendar, smaller in size, with half the number of leaflets and more sketchy in the treatment of the decoration; but, still the

effect is good, and if some of the colors were not a little overbright would be very dainty.

The Magee Furnace Company, of Boston, follow a somewhat similar course, though here the decoration, the monthly calendar and the advertisement of the issuing firm have about equal prominence, and the decorations are steel-engravings and not colored prints.

With another class the advertisement is intended to be the thing of importance, and the advertisers send them out as they would send out similar placards at any other season of the year; the calendar attachment seems to be added as an after-thought, as sort of apology and concession to New Year's Day prejudices. At the head of this class, since the calendar is quite inconspicuous, we should place the expensive card issued by Messrs. Samuel H. French & Company, of Philadelphia, and in the same category the even more expensive one issued by Messrs. Merchant & Company of the same city, which, taking all things into consideration, is the most successful advertising placard we have received, though it is not the best calendar. The Gurney Hot-Water Heater Company, who come in the same class, are more successful in some ways than either of the two firms just mentioned; their calendar is for wall service, and the figures are large enough to be read a dozen feet away, while the tone of colors used and the style of letters and decoration makes one quite ready to keep it during the year.

The calendars issued by the Abram Cox Stove Company and of the Thorn Shingle & Ornament Company might almost be included in the class first mentioned — the pyrotechnic class, but they both have enough good points to warrant their being kept.

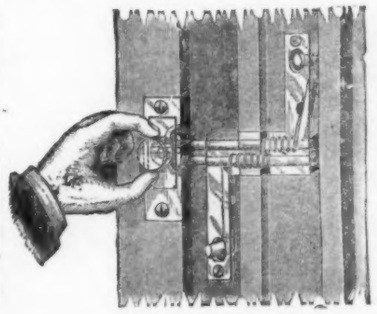
The ready-made calendar has come to be a regular visitor everywhere in a multitude of forms. It is less expensive, of course, to select a pattern from a stock of ready-made designs for backgrounds and use that rather than have one specially prepared, and it is about as satisfactory, for the multitude of these ready-made backgrounds is so great that one person is unlikely to receive calendars of the same design from two or more different advertisers. In this class we should place, at a guess, the calendars sent us by the B. C. Bibb Stove Company, of Baltimore; Messrs. Burditt & Williams, of Boston; the Lawrence Cement Company, of New York; Messrs. McKenney & Waterbury, of Boston, and Keeler & Company, of the same city. The backgrounds used by the last three mentioned being excellent specimens of steel-engraving done by the firm of J. A. Lowell & Company, of Boston.

The conclusions we draw from comparing the samples we have received — less than in former years — is that advertisers do not often enough try to put themselves in the position of the recipient. Of the many calendars that may come to a given person, he will probably keep two for use, one for the wall with figures large enough to be read from across the room, good in design of decoration and, above all, not glaring of color; the second will be kept for desk use, and must have all the attributes of the other, and be, moreover, of such size, shape and form as not to be too much in the way. All others will be thrown away in the course of a few days, and all the excess of money spent in their manufacture, over and above the cost of a single plain circular, is absolutely lost, and worse than lost, it is misspent, since by being paid for advertising in magazines, journals and newspapers, it would have assured the spender those benefits of constant iteration which is the essence of advertising.

IMPORTANT TO HOUSE-OWNERS.

AMONG the almost innumerable inventions of modern times, there is no subject that has so engrossed the mind of the American inventor as the subject of window-fastenings; and though hundreds of patents have been issued in this line to as many inventors during the last decade, a comparatively small number of these inventions, when reduced to practice, have met with anything like general approval. There is probably no article in the line of builders' hardware upon the market with so great a variety to select from, and none that meets with such universal disapproval, as the article known as "Centre" sash-fasteners, for the reason that, when applied, they afford neither protection nor convenience, and such a thing as security and ventilation at same time was never dreamed of.

Within the past few months, however, a new and unique device has been placed upon the market, known as the "Timby" burglar-proof sash-lock and ventilator. This mechanical device is quite novel, if compared to, or rather, contrasted with, the old style of window-fastenings. It is so simple in construction that the casual observer must wonder



that some mechanical genius did not long ago discover and apply it.

Even such as are but superficially posted in mechanism can comprehend the workings of this lock, and the most obtuse can acquire the art of manipulating it in one easy lesson. The very simplicity of its construction, the readiness of its adaptability to any window, and the ease with which it is operated, are features so apparent that to be immediately approved it needs only to be seen. One lock only is required for a window. It locks one sash or both sashes at the pleasure of the one controlling the thumb-nut, or operating device, securing them in any desired position whether the windows are perfectly closed, or are adjusted for purposes of ventilation. It is a means of absolute security against burglars and thieves, who, if their tracks are evidence, seldom, if ever, find difficulty in overcoming the protecting qualities of the old-fashioned samples of hardware attached to the meeting-rails of the sash, while the absence of complex mechanism in the construction of this lock is apparent.

The effective purposes for which it is designed, strength and durability, are assured in the superior quality of the material used in all component parts, which are of the very best malleable-iron, steel, brass, and bronze metal.

The device automatically secures the sashes, and the lock itself is applied in such a manner as to be proof against the possibility of yielding to any tampering by thieves or others from without. It would seem to commend itself to parents and others having small children under their charge, beyond whose control the opening or closing of windows may be desirable. In every direction claimed for it, it may safely be said that it is a perfect safeguard.

"Every man's house is his castle" is one of the best known maxims of the old English common law. As light and transparent and fragile as is the glass of the castle-windows, it seems strange that it is not the vulnerable part of the structure. It appears to serve as a wall as well as the brick and stone, and, if the sashes are securely locked, the window partakes of all the presumed invulnerability of a barred and bolted door. The accompanying illustration shows a section of window-frame with the lock applied. The thumb-nut is moved upward, releasing the upper sash, the cut being semi-transparent, to show the inner construction of the lock, actuating-spring, etc.

The bolts are made from the best malleable-iron, the case from wrought-steel, the face-plate and thumb-nuts from brass and bronze metal highly polished and lacquered, presenting a very handsome appearance when applied. Varying thickness of sash or inside strips does not in the least interfere with its application. It is equally well adapted to windows having sash adjusted with or without weights or balances, and does not obstruct the attachment of weather-strips or inside-blinds. The descriptive circular of the manufacturer gives full and explicit directions for applying and operating, and a diagram or pattern accompanying each lock, so that no difficulty will be experienced in attaching them to buildings already constructed. We quote from our contemporary, the *Manufacturer and Builder*, published in New York City: "There seems to be nothing about the construction or operation of this device to render it liable to become disarranged; it should be very durable, and must form a very desirable and substantial lock, affording much greater security and convenience than the centre-sash devices in common use. It seems to have much merit, and we commend it to our readers."

Letters patent of the United States were issued to the inventor, Mr. T. F. Timby, under date of March 29, 1887. Preparations for the manufacture of them were begun soon thereafter, and from the first day they were placed upon the market they met with deserved approval. The reputation gained at first remains with the lock, and as time rolls on, and its merits become more widely known, it must meet with that measure of practical application to its intended use as to defy all competition in the line of devices for window-sash fastenings.

At the fifty-seventh exhibition of the American Institute, held in the city of New York in the fall of 1888, this improved window-fastening was exhibited, and met with unqualified approval of thousands of persons who examined it, among whom were many leading architects and builders.

Besides the favorable comment of the public generally, and architects and practical house-builders particularly, more tangible approval followed in the form of numerous orders for the goods. We also see by the published lists of awards made by the American Institute for the year 1888, that the "Timby" burglar-proof sash lock and ventilator received the first prize over all competi-

tors, the award being the beautiful bronze medal of *excellence*.

This firm is also engaged in the manufacture of another new lock designed expressly for use in windows having a single sash. This lock combines all the desirable features of the double-sash lock, *viz.*, automatic action, adjustability, ventilating qualities, etc., but is constructed much heavier in all its parts, adapting it to the heaviest sash used in the more modern styles of expensive blocks and dwellings. Special attention will be given to furnishing these goods in any style and finish to order, or upon specifications to match other trimmings used upon blocks, dwellings, or public buildings.

Many of the leading architects of the cities of New York, Boston, Philadelphia, Washington, Pittsburgh, Cincinnati, Chicago, St. Paul, Minneapolis, Kansas City, and other points have examined and approved this lock. Agencies will be established, and the goods placed on sale in all the principal cities. Dealers in first-class builders' hardware not already supplied will be visited at an early date. The locks are graded in price, according to the quality and finish, and are numbered from 1 to 5, the difference in the several grades being apparent only in the style and finish of the face-plates and thumb-nuts, which are made in polished brass, nickel-plate, real bronze highly polished, oxidized-silver, etc.; also a special A A of rich gold metal, plain or figured pattern, very fine, with buyer's monogram engraved upon the face of the thumb-nut, to order. The inventor of this lock is Mr. T. F. Timby, of Brooklyn, N. Y., who has charge of the New York office. The factory is located at Oswego, N. Y. An office has recently been opened in the city of New York in the Aldrich Building, No. 102 Chambers Street, Room 8, where models exemplifying the practical workings of the lock may be inspected. There, also, the several parts of the device and samples of the finished locks can be seen, and all desired information will be given.

Samples mounted on a section of window-frame will be distributed to architects and builders throughout the city and vicinity, and will be forwarded to any part of the country upon application. Special attention will be given to export orders, as also to the manufacture of special designs to meet the requirements of architects or others to order.

This novel device will without doubt find a ready place upon the market, as it seems to meet a want not supplied by any of the sash-lock fastenings in the market; namely, security and ventilation — at the same time covering a field heretofore left vacant, which fact will be appreciated by house-owners.

JENKINS & TIMBY,
Oswego, N. Y.

THE S-TRAP AND THE McCLELLAN TRAP VENT.

In my contribution to the subject of trap seal protection, I called attention to the fact that Mr. Putnam's experiments demonstrated that an unused *vented* S-trap would lose its seal by evaporation in less than two weeks, and that an *unvented* S-trap unused would retain its seal for many months. Since all disinterested parties agree that the S-trap, with fair usage, will rarely or never foul, and that traps of all other forms *do* foul *in proportion to their departure from a uniform calibre*, the conclusion is inevitable that, if its seal can be preserved against siphonage and evaporation the S-trap is incomparably better than any other.

Your correspondent asserts that "no automatic air supply has ever been invented, nor probably ever will be, which will form a reliable protection against siphonage;" but admits that such form of air supply seems to him "*to be much more reliable in many ways than the ordinary back-vent pipe.*" (The italics are mine.)

The many tests made of the automatic vent [1] referred to by me in my former communication — in this city, under the direction of Dr. William K. Newton, Health Inspector, at the rooms of the New York Master Plumbers' Association, at the New York Trade-Schools, etc., fully established its reliability in preventing siphonage. Mr. Edward Murphy, Secretary of the New York Plumbers' Association of New York, says: "I am free to say that it fulfilled every claim made for it, notwithstanding the tests were made more severe, as regards siphoning, than are ever found in actual practice." In addition to this, I understand that, after careful testing by its experts, the New York Board of Health has repeatedly approved plans calling for its use to the exclusion of back-vent pipes.

The question as to the cost and complication is sufficiently answered by Mr. Murphy's further remark that "its advantage in reducing the cost of plumbing, in furnishing an adequate supply of fresh air, and its non-liability to get out of order are so patent that further comment would be useless."

My statement that "all so-called anti-siphon traps acquire their non-siphoning quality at the cost of cleanliness," and "have greatly enlarged cavities which gradually fill up with decomposing filth," is met by the assertion that "there are no '*greatly enlarged cavities*' in a scientifically designed anti-siphon trap."

My remarks were not directed against any special form of trap, but against an *unscientific method* of preventing loss of seal by siphonage. It is well-known to every competent expert that *no* unvented trap has ever been made that will maintain its seal against strong siphonic action unless its up-cast limb is greatly enlarged, and hence that any trap of uniform calibre must be provided with an air supply at or near its crown to prevent siphonage.

More certainly a one-and-one-half inch trap, with a cylindrical chamber of some three inches in diameter, and nearly five inches long, forming a part of its up-cast limb is no exception to the foregoing proposition. Nor do I think such a cavity with its sharp angles and extended surface will be found less likely to accumulate filth, with a given water flow, than similar enlargements in other traps.

The advantage to be gained by the use of large outlets to fixtures so as to secure the thorough scouring of the trap and waste-pipe is well-known, but shamefully neglected in practice. The statement about the filling up of an ordinary S-trap until its waterway was just large enough to carry the little stream its small-outlet fixture permitted, simply supports my position that all enlargements form convenient lodgments for filth, and that it is only a matter of time when they will so fill up as to leave a nearly uniform waterway through the trap.

The talk about back-pressure amounts to nothing, if reasonable skill is used in constructing the drainage system. If the openings of the fixtures are large enough to allow a proper flush to scour the trap and waste-pipe shreds of lint will not find lodgment in the trap, and without their presence loss of seal by capillary action will not occur.

The small quantity of water required to seal the S-trap, and the readiness with which it is scoured by a reasonable flush are not objections, but are among its greatest virtues; while the increased volume of water required to form the seal of a so-called non-siphoning trap decreases its scouring quality and tends to establish a miniature cesspool, increasing the evil, as its greater volume of water and its non-siphoning qualities increase.

The claim that in the case of a kitchen or butler's pantry sink trap grease is liable to spatter up into the mouth of the vent-pipe or vent-connection, and thus eventually close it up, is true only when the vent-connection is placed directly over the up-cast limb of the trap. This should be avoided by placing the connection *beyond the crown of the trap*, but sufficiently near to it to prevent siphonic action.

Finally, this discussion plainly points to the following conclusions, viz:

1. That the ordinary S-trap is the simplest and most cleanly ever devised.

2. That to prevent siphonage with absolute certainty, an air-supply must be provided to the waste-pipe at or near the crown of the trap sufficient to meet all demands without disturbing the seal of the trap.

3. That while back-vent pipes, when short and direct, furnish air-supply adequate to prevent siphonage, they fail in this respect when the lines are indirect or very long; besides, the air currents they maintain rapidly destroy by evaporation the seals of unused traps.

4. That the back-venting of traps to the roof is costly, complicated and dangerous.

5. That an automatic air-supply directly from the room at the point needed is the only uniformly reliable method of preventing siphonage in all situations.—*M. Houman, in the Sanitary News.*

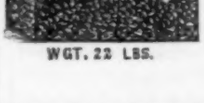
[1] McClellan Anti-siphon Trap-vent made by the Dubois Manufacturing Co., 245 9th Avenue, New York.

NOTES.

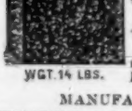
The Lidgerwood Manufacturing Company, New York, have just issued their new catalogue for 1889. It is a credit to this enterprising concern. The book contains fully a hundred excellently executed engravings of their superior hoisting machinery, boilers, etc., and will be forwarded to those making application.

The Whittier Machine Company have recently put into the Commonwealth Hotel, Boston, three horizontal steel boilers. They have constructed for the Fall River Bleachery, Fall River, Mass., four horizontal steel boilers, each six feet in diameter. Also, have recently put in for Mr. M. Brennan, at the corner of Eighty-fourth Street and Ninth Avenue, New York City, two hydraulic elevators for passenger service.

ASPHALT PAVING BLOCKS AND TILES



WGT. 22 LBS.



WGT. 14 LBS.

For Streets, Sidewalks, Gutters, Railway Stations, Stables, Cellars, Breweries, Areas, Etc.

Materials.—Crushed Limestone and Trinidad Asphaltum, subjected to a pressure of 3,000 pounds to the square inch at 250° (Fahrenheit.

Noiseless, non-absorbent and less costly than stone or any other durable pavement.

Subjected to 10 years' trial. In 1887 over 5,000,000 of these blocks and tiles were laid in Washington, Baltimore, Philadelphia, Camden, Trenton, New York, Chicago, Etc.

MANUFACTURED BY

THE HASTINGS PAVEMENT CO., 140 Pearl Street, New York, N. Y.
THE ASPHALT BLOCK CO., 501 Chestnut Street, Philadelphia, Pa.
THE MARYLAND PAVEMENT CO., 5 Cham. of Com. Build., Baltimore, Md

Licenses under fifteen patents for processes and machinery and exceptional facilities for the purchase of Trinidad Asphalt, to be used in making these blocks and tiles, granted by The International Pavement Co., Chamber of Commerce Building, Baltimore, Md., or 86 Equitable Building, Boston, Mass.

The American Architect and Building News

ADVERTISERS' TRADE SUPPLEMENT.

No. 81. SATURDAY, MARCH 2, 1889. Volume XXV. No. 688.

THE GURNEY HOT-WATER HEATER.

Below we append cut of the one hundred series of the Gurney Improved Hot-Water Heater, which is the production of years of study and practical experience, combined

with theories advanced by the most prominent heating engineers in this country and Canada.

The Gurney Hot-Water Heater Company are undoubtedly the pioneers of hot-water heating in this country, and have at all times had uppermost in their minds the ambition to perfection, and for the public good. To be outdone by none, and thus always hold the lead. And to the eye of the practical engineer we think this article and cuts will commend themselves.

In beauty of form, durability of construction, compactness, extent and quality of surface, cheapness, and economy, they have obtained the best results ever secured, and they challenge examination and comment by the engineering talent of the world.

The main considerations to be regarded in a Hot-Water Heater are how to arrange the heating surfaces to obtain the best results and this can only be determined by continued experiments, and the Gurney Hot-Water Heater Company having made in the past several years series of practical experiments, are led to lay down the following essentials for the construction of a satisfactory Hot-Water Heater:

1. The whole arrangement must be such that the least possible resistance is offered to free circulation.

2. The area of heating-surface must be made to approach, so far as practicable, a maximum.

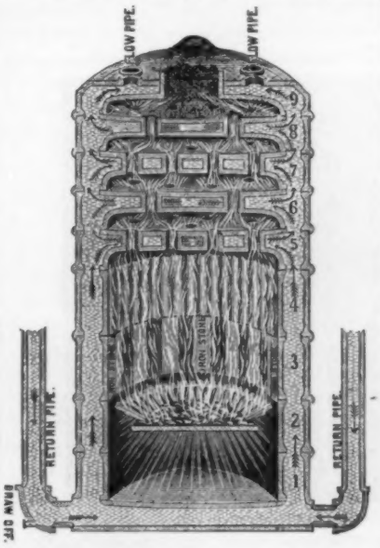
3. The arrangement of the heating surface must be such that,

(*a*) A maximum of the heat of the burning fuel is utilized.

(*b*) The convection currents shall not impede each other, or coalesce to the formation of eddies.

How far we have met these essentials of a good heater in the construction of our one hundred series of Heaters will be best understood by referring to the accompanying cuts.

To meet the first essential, we have constructed the heater so that the inlet and exit ports are open from the line of the floor to the top of the heater, as well as around the entire circumference of the cross-sections. All sharp angles and other obstructions to general circulation have been avoided. The second essential is secured by the introduction, in series, of a number of sections, pierced with flues, through which the heated products of combustion require to pass before entering the chimney. The area of heating-surface is thus greatly extended, and essential three (*a*) met at the same time, since the heated gases (products of combustion) part with their heat as they ascend through the different sections. The essential three (*b*) we have sought to



meet by giving the sections a peculiar shape. The upper and lower plates of each section incline from the ports inwards, giving the outgoing and incoming currents such direction as (in our belief) will most effectually prevent the formation of eddies, and in general, produce currents which may accommodate themselves with the least resistance to the direction of the main currents in the outer jacket.

The Gurney Hot-Water Heater is especially designed and adapted for hot-water heating. It is easy to erect, most economical of fuel, simple to manage, presents the largest heating-surface to the fire, is moderate in cost, and we offer them to our patrons fully guaranteed.

To correspondents living at a distance we would recommend a conference with local fitters with a view of obtaining estimates of fitting, and they would be glad to furnish plans which, if adhered to, will result in giving a thoroughly reliable heating apparatus. Correspondents, when soliciting estimates of work, will have the kindness to be as explicit and definite as possible as to the size of the building to be warmed, its glass surface, construction, location, points of compass, exposure, and conditions generally. A sketch of the building, with its size and height of ceiling, will facilitate matters and enable them to form a correct idea as to size of apparatus needed.

GURNEY HOT-WATER HEATER COMPANY,
Boston, Mass.

ASPINALL'S ENAMELS.

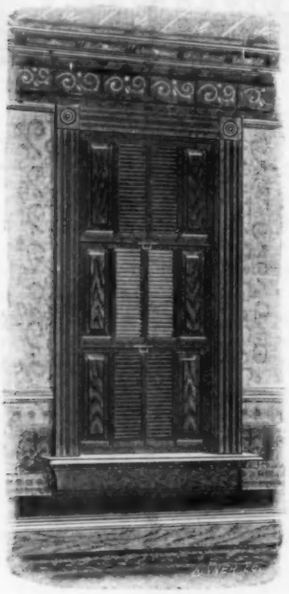
For years past many scientific men have endeavored to produce an enamel, that will stand boiling-water, something especially adapted to renovating baths, that have become unsightly, and the success which has crowned the efforts of Aspinall & Co., England, in the production of their various enamels has been hailed with delight by the civilized world. This product is the only real enamel which does stand boiling-water and is made by a secret process known only to themselves. It is not a *paint*, but is applied as easily and readily as any mixed paint, to iron, tin, wood, or any other substance, however open or porous, and its uses are so manifold as to make it impossible to enumerate them. Old bath-tubs, baskets, tables, chairs, hot-water cans, brackets, bedsteads, etc., can be easily and quickly rejuvenated or decorated with any color desired, over a hundred different colors or shades being manufactured from chalk white to deepest brown and black. For prices, list of colors, testimonials and further information apply to,

E. ASPINALL,
Sole agent for the United States,
98 and 100 Beekman Street, New York, N. Y.

The Whittier Machine Company have recently constructed for Messrs. Tiffany & Company, Union Square, New York, one hydraulic passenger elevator operated by their Pressure Tank System.

THE "WILLER" SLIDING-BLINDS.

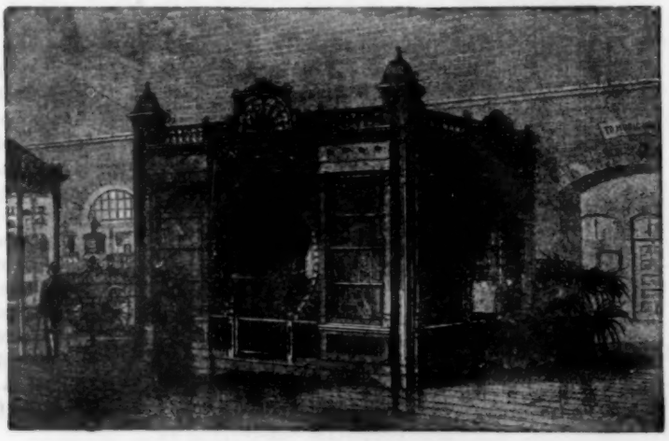
The "Willer" sliding-blinds have been in the market but a few years, but in that short period they have become so generally known amongst architects, builders, and the building public in general that a detailed description of them is here unnecessary. The catalogue shows some twenty different classes, or twenty distinctly different ways of arranging these blinds in the windows. For illustration we select Class E, this class being universally used for buildings of medium cost,



on account of its simple construction and moderate price. This class consists of three separate sections of blinds, covering the entire window, and running in a guideway containing three grooves, one for each section of blind, all within the space of the window-opening, no pockets being employed at either the bottom or top of the window.

The other classes in the catalogue show windows fitted with blinds of two, four and six sections, without pockets, and with pockets at either the bottom, top, or both ends of the window.

The "Willer" blinds have rolling slats of a new construction throughout all sections, or



in as many divisions of the blinds as may be desired; the springs are of the latest pattern, and the only springs adapted to hold the blinds in place. The blinds are handsomely trimmed with full sets of hardware, finger-plates, drop-handles and lifts, in Berlin or genuine bronze. Each set of blinds is finished complete, varnished, rubbed, and polished as desired, and when fitted to the window is ready for use.

The "Willer" blinds, on account of their superior quality and merit, and their adaptability to windows of every description, have

been selected in preference to all others, and accorded the first rank in all parts of the country. They are now being placed in the residence of the widow of the late Emil Schandein, Vice-President of the Philip Best Brewing Company of Milwaukee, erected at a cost of over $300,000. Mr. Schandein had examined all forms of inside-blinds, and had given these the preference over all others.

A public school-house in Denver, Col., has

lately been fitted with these blinds, the total order for the purpose amounting to nearly $6,000.

As a further proof of the superior quality of these blinds over all others, the firm has been awarded the bronze medal at the late Centennial Exposition, held in Cincinnati, July to November, 1888. This bronze medal is the *highest* and the *only* award made to any exhibitor of sliding-blinds, and, although there were others on exhibition, none of these have received any award, diploma, or medal whatever. In their report, the jury said: "awarded on account of excellent workmanship," etc. We print herewith an illustration of the Willer exhibit at the above Exposition, taken from a photograph; also a fac-simile of the medal.

We employ a force of one hundred and fifty men, of whom one hundred and ten are employed exclusively in the manufacture of these blinds. The sales of these blinds for 1888 amount to over $100,000. The blinds are in use in all parts of the country from Maine to California, and Manitoba to Texas. Over $10,000 worth have been sold in Canada alone.

We will send our No. 8 Catalogue of 1888, free of charge, to any architect or builder, etc., upon application. Our new catalogue of 1889–1890 will be issued about May, 1889, and will be the most artistic and complete catalogue of its kind in the country.

We also make a specialty of fine stair-work, of which line a separate catalogue will be issued in the spring.

The firm is represented at present by nearly three hundred sales-agents in all parts of the country. Agents are wanted everywhere, and applications for agency will be considered from parts not yet represented.

Further particulars may be had by addressing the firm,

WILLIAM WILLER,
Fourth and Cedar Streets, Milwaukee, Wis.

THE SPRINGFIELD GAS-MACHINE.

The Springfield Gas-Machine has been perfected by an experience of over twenty years. As it has from the first been made of the most durable material and most perfect workmanship, no doubt there are more of these machines in actual operation to-day than of all others combined. Thousands of other machines, which have been made of inferior material, are now out of use, because they have been destroyed by corrosion, often within three or four years after being set up.

Our air-pumps are constructed entirely of copper. Our gas-generators are of heavy galvanized-iron, with every seam not only riveted like a steam-boiler, but massed in solder, so that the cut edges of the iron and the exposed ends of the rivets are completely plated with that metal. They are then covered with boiling tar in several coats. They are divided into shallow evaporating-pans, furnishing by this means, and by abundant absorbent material, larger evaporating surface in square feet than any other gas-generator made.

We confidently assert that this is the largest, most durable, simple and efficient gas-machine in the world.

The gas made by these machines is usually know as Carbureted Air Gas, being common air impregnated with the carbonaceous vapors of gasolene. It burns with a rich, bright flame, fully equal to coal-gas, and it is conducted through pipes and ornamental fixtures with the same convenience and safety.

The gas is really analogous to coal-gas in its general features — the one being a carbureted air gas, the other a carbureted-hydrogen gas. They are both governed by the same general laws; the particles of each exist in a state of mutual repellancy; if permitted to escape, they alike permeate all the surrounding atmosphere, and are detected with equal readiness by their odor. Air gas possesses an illuminating power of from twenty to thirty candles, equal to the best coal-gas, and much superior to that ordinarily supplied by city gas-companies. It is a remarkably pure gas; contains no sulphurous compounds or impurities of any kind; with proper burners, combustion is perfect, without smoke or odor.

Gasolene, the fluid used in making gas by our apparatus, is a light, volatile product of petroleum, analogous to kerosene; chemically considered, it is almost a pure carbon; it is produced in large quantities in the distillation of petroleum, and is a common article of merchandise, readily obtained from almost all refiners or dealers in oils. The supply yearly increases, more than keeping pace with the demand, and is necessarily as inexhaustible as the supply of petroleum.

The Springfield Gas-Machine consists of a gas-generator—a cylinder containing evaporating-pans or chambers—and an automatic air-forcing apparatus.

When the machine is in operation the pump forces a current of air through the gas-generator; here it becomes carbureted, thus forming an illuminating gas that is returned through the gas-pipe to the house, and carried by the distributing pipes in the walls and floors of the building to the burners, or it may be conducted from the gas-generator to other houses in any other direction—to stables, out-buildings, or to lamps on the grounds, wherever light is required. This plan of gas-making is automatic. Gas is generated only as fast and in such quantities as required for immediate consumption. The process is continuous while the burners are in use, but instantly stops when the lights are extinguished. The Springfield Machine, set in this manner, is considered as safe a means of lighting as any that can be adopted; all the gasoline is kept in an air-tight vessel under ground, and removed from the building a safe distance. There is no gas in the air-pump, nor inflammable material in the building, except the gas contained in the distributing pipes.

No fire is used in the process of manufacture buildings lighted by the gas are insured at the same rates as though coal gas were used.

We have now several thousand machines in use in every part of the country, lighting all classes of buildings, and in no case has a building been burned.

The cost of the gas depends upon the price of gasolene; this varies from fifteen to twenty cents per gallon. Taking this as a basis, the cost per thousand feet is from eighty cents to a dollar, six gallons being a liberal estimate of the amount of fluid required to produce light equal to that from a thousand feet of ordinary coal-gas.

The economy of lighting by gasolene gas has induced many large consumers of coal-gas to adopt our machine, and with the most gratifying results, the cost of the apparatus being quickly saved in the lessened gas bills.

Air gas is cheaper fuel than coal or wood for cooking and laundry purposes. Send for our illustrated catalogue of gas ovens, ranges, griddles, grills and broilers, laundry-iron heaters, coffee-roasters, instantaneous water-heaters and open fireplace heaters.

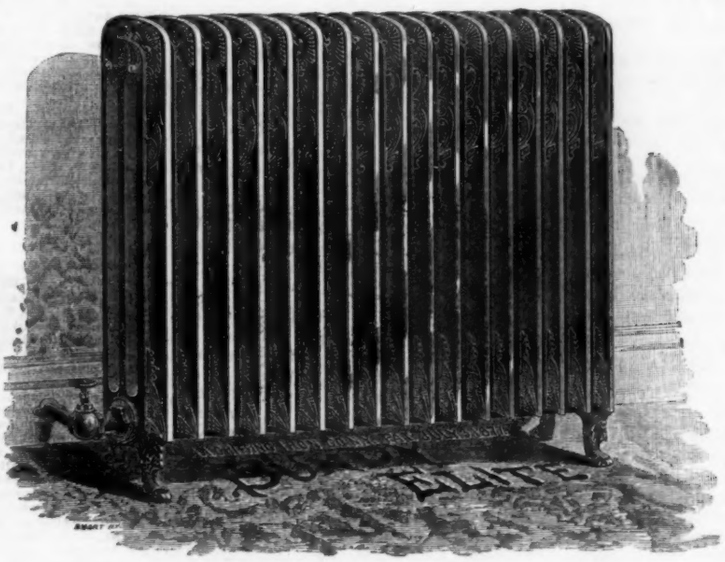
One of the most interesting uses to which gas may be put in promoting domestic comfort is undoubtedly that in connection with the preparation of food. It is a matter of surprise that it has not been much more extensively adopted by the general public. Its use for these purposes is of special interest to those having gas-machines, because of the great economy of air gas. The first cost of gas ranges is not half that of good coal ranges, while they will last a lifetime. The exact degree of heat required for any special purpose is at once obtained. Since combustion is perfect, there is no smoke or odor, and no flue is required. On the score of economy, it will be at once acknowledged, after trial, that the cost of a coal fire doing the same amount of work is greater than the cost of gas, while the certainty of its results, its cleanliness, convenience and comfort, are obviously in favor of the latter fuel. Any coal stove may be fitted with a burner suitable for burning air gas, without smoke or odor.

Ordinary open coal grates furnished with a suitable burner, and filled with ragged bits of lava, which, when the gas is lighted, become incandescent, perfectly counterfeit a coal fire, and furnish an economical and abundant heat.

Air gas is used as fuel in the mechanical arts for heating light forgings; melting gold, silver, brass, glass, etc., soldering, brazing, bluing; in canneries, and by manufacturers of hollow ware. We invite correspondence on this branch of the subject, and will mail our circular, with numerous references, upon application.

GILBERT & BARKER M'F'G. CO.,
75 MAIDEN LANE, NEW YORK, N. Y.

A RADIATOR WITH ARABESQUE DESIGN.



OUR illustration shows the Bundy "Elite" Radiator which has the most beautiful design that has ever been applied to a radiator.

It is of Moorish origin and consists of only lines, curves and angles as the superstitious Moors thought it an unpardonable offence to fashion any artifical object like anything having life. The Koran taught them that the imitated object would immediately die and bring down upon the offender the curse of their God. In this the over-careful Moors were certainly foolish, but at the same time, a study of their architecture shows their skill in designing works of rare beauty.

It is especially appropriate in ironwork where any attempt to imitate life seems out of place, inappropriate and in time, absolutely unbearable.

For this reason the Elite Radiator, which has the Arabesque design in its purest type, is the most beautiful that has ever been applied to a radiator. The appearance of the radiator is such that no one ever grows tired of it and it can be decorated in a multitude of ways to suit the surrounding draperies, etc.

Also, unlike all other sectional radiators made, this has a sectional base with its accompanying advantages, and this is why all prominent architects, with rare exceptions, specify the Bundy Elite Radiator, because they find that they can use from ten to forty per cent less radiation than with any other.

Steam-fitters are also cognizant of this fact and when the matter is left with them for decision as to which radiator to use, and they intend to conscientiously serve the best interests of their clients, they will use none other.

It also possesses a great advantage over all other radiators from the fact that the surface consists principally of arcs of a parabolic curve, and so all parts of the radiator are constantly surrounded by freely circulating air. Again, all sections are duplicates; legs are detachable and can be placed under any section and if desirable sections can be added to, or taken from, the radiator increasing or diminishing its heating powers at will.

Much more might be said regarding this excellent radiator, but it will suffice to say that we will gladly send our catalogue, which is a veritable encyclopedia on heating, to any one who may request it.

THE A. A. GRIFFING IRON CO.,
782 COMMUNIPAW AVENUE,
JERSEY CITY, N. J.

FIREPROOF BUILDING MATERIALS.

THE practicability and efficiency of Hollow Burnt Clay Blocks and Tiles and Porous Terra-Cotta Material in the construction and protection of buildings against loss by fire, has been fully and satisfactorily demonstrated, and the security it offers is so palpable, that the best informed architects and builders in the country recommend its use in all structures where life and property is jeopardized.

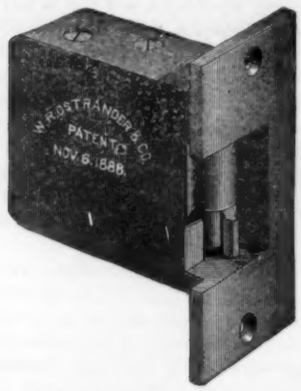
Since this important feature in buildings has become an established fact—the demand for "Hollow Brick" has increased largely, so much so that within the past year we have been obliged to greatly exceed our former capacity in order to meet the requirements of this important branch of industry. Our works are now the most extensive of the kind in the country.

The advantages we possess for procuring and handling the raw material are unsurpassed, having our own clay beds easy of access within a few feet of our works—situated on the Sound at Maurer's, near Perth Amboy and Woodbridge, N. J., with railroad switches alongside, an extensive water-frontage, and large dock-room, which gives us every facility necessary for shipments to all points reached by rail or water. We are prepared to furnish estimates and execute promptly all contracts intrusted to our care Correspondence solicited and any information

furnished on application. A new descriptive and illustrated catalogue of especial value to architects and those contemplating building, now ready and will be mailed free by addressing,

HENRY MAURER & SON,
420 East 23d Street, New York City, N. Y.

THE OSTRANDER DOOR-OPENER.



The Ostrander Door-Opener is simple and compact in construction, positive in operation, and withstands wind pressure or other force, and cannot be jarred open.

The movable bolt is a steel drop forging, and the other parts are of the best wrought-iron and steel. Nothing has been spared in its construction, as our aim is to make this *the* Door-Opener.

These have been thoroughly tested and in practical operation since patent was applied for.

The movement is a gravity one and it is devoid of any delicate springs or delicate mechanism.

The movement is protected by metal sides to prevent dirt, plaster and chips from interfering with its operation.

This Door-Opener is operated by compressed air (Pneumatic) or by electricity with batteries; and orders must state which method is to be used to operate the Door-Opener, and also state if for right-hand or left-hand doors.

W. R. OSTRANDER & CO.,
21, 23 & 25 Ann Street, New York, N. Y.

THE NEW SASH-CORD FASTENER.

The success of house-building and the satisfaction of living in it, when built, depends, very largely, upon the little and unseen contrivances which perfect the working and use of the details. This is no more apparent than in the hanging of the window-sash, which too often, is done in such a slip-shod and careless manner as to call forth the imprecation of all who have to do with them. Especially if the sash has to be removed from the frame for cleaning or other purposes.

The Empire Portable Forge Company of Cohoes, N. J., realizing, from actual experience in building, this deficiency, have put on the market a new sash-cord fastener (see advertisement in another column) which is designed to do away entirely with the difficulties to a cheap and effective way. The illustration herewith shows the old method of hanging sash and the new, viz: —

The sharp rib extending over the top of the fastener, through the centre, is by the weight of the sash caused to sink into the frame and thus held from moving.

Reasons why you should use them:

It costs less than one-and-one-half cents per sash. Requires no nails or screws. Can be put in or taken out in less than one minute. Prevents the knot from fraying out and getting between the sash and frame. Does not split the sash like nails or screws. Prevents the cord from running back into the weight pocket. The most useful invention for window sash ever put on the market. Every window requires them.

The Empire Sash-Cord Fastener is the most useful little thing ever offered for easily attaching cords to the sash — costing a mere trifle — at same time saving much time and patience in hanging the sash and preventing damage to it by the use of nails or screws through the knot, as in the old method, and wearing and binding of the sash and frame by the knot fraying out and becoming jammed between them.

It also prevents losing the cord in the weight-pocket by running backward, and when the sash is to be removed for cleaning or glazing, it can be done so easily and so easily replaced that any man building a house will have them, and the work will be much more satisfactory.

The Empire Forge Company call the attention of architects, especially, to this little device and urge them to include the sash-cord fastener in their specifications. We will be glad to send a sample of it with cord attached to a block, showing both the old and new methods, on receipt of a postal-card request.

Investigation of this little device, will show it to be a very useful one and destined to have a large sale.

EMPIRE PORTABLE FORGE COMPANY,
Cohoes, N. Y.

NOTES.

The Whittier Machine Company have recently put into the Adams Building on Court Street, this city, two hydraulic passenger elevators, each operated by their Pressure Tank System. Also have constructed for Messrs. R. & O. Goelet for the building corner of Lexington Avenue and 41st Street, New York, a steam elevator for freight and passenger service.

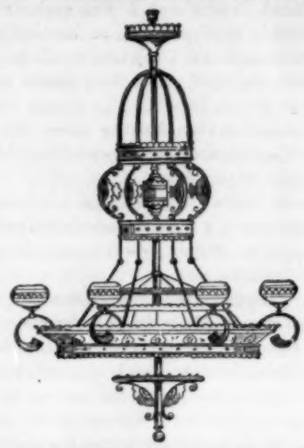
They have recently constructed for Dr. John Walters, No. 1010 F Street, N. W., Washington, D. C., two upright steel boilers, each two and a half feet in diameter.

We understand that the Henry-Bonnard Bronze Co., New York, have contracted to cast in bronze the following statues, on which they are now engaged.

Statue of Dr. Gallaudet, for Washington, by D. C. French, sculptor, N. Y. Statue of General Stannard, for Gettysburg, by Karl Gerhardt, sculptor. Statues of soldier and sailor, for monument at Newport, R. I., by W. Clarke Noble, sculptor. Statue of Governor Hubbard, for Hartford, by Karl Gerhardt, sculptor. Statue of soldier called "Appamatox," for Alexandria, Va., by C. Buberl, sculptor. Two soldiers for Gettysburg, for Frederick & Field, Quincy, Mass., S. J. O'Kelley, sculptor. Statue of Theodore Parker, for Boston, by Robert Kraus, sculptor. They are also casting the bronze rail for the United States Trust Co., Wall Street, R. W. Gibson, architect.

Mr. I. P. Frink of 551 Pearl Street, New York, of patent reflector fame, whose reflectors are extensively used with gas, oil, electric, and day light, has orders now on hand covering a great variety of buildings; among which are, Eliot Street Congregational Church, Newton, Mass.; St. George's Church, Astoria, N. Y.; Baptist Church, Bristol, Conn.; Tabernacle Baptist Church, Brooklyn, N. Y.; Centenary M. E. Church, Jacksonville, Ill.; Pilgrim Congregational Church, Duluth, Minn.; Garland Street M. E. Church, Flint, Mich.; Free Reformed Church, Jersey City, N. J.; First Presbyterian Church, Englewood, N. J.; Cumberland Presbyterian Church, Murfreesboro, Tenn.; The Court-House at Las Animas, Colo.; The Town Hall at Wickford, R. I.; The Assembly Rooms of the School Buildings at Mechanicsville, N. Y., and Galveston, Texas.; The Art Galleries of David C. Lyall, Brooklyn, N. Y.; W. H. Hogencamp, Patterson, N. J.; Chatelet Club, Newark, N. J.; Opera House, Wilkes-Barre, Penn., and Paris, Mo.; Retail Carpet Department, Arnold, Constable & Co., New York, and Heath & Drake, Newark, N. J.

FRINK'S Reflectors



Are used with oil, gas, electric or day light. Strongly endorsed by the leading Architects, and are in use in most of the prominent Churches, Theatres, Art Galleries and Public Buildings in this country.

Among the prominent buildings lighted by Mr. Frink within the past few months are the following: —

ART GALLERIES.

Mrs. R. L. Stuart, 871 5th Ave., New York.
Eden Musee Co., 55 West 23d St., New York.
L. A. Lanthier, 22 E. 16th St., New York.
Fifth Avenue Art Galleries, 366 5th Ave.
Century Club, 109 E. 15th St.
Fifth Ave. Auction Rooms, 240 Fifth Ave.
Boussod, Valadon & Co., 303 Fifth Ave.
G. W. Lininger, Omaha, Neb.
David C. Lyall, Brooklyn, N. Y.

THEATRES.

Miner's Newark Theatre, Newark, N. J.
Commonwealth Hall, Orange, N. J.
Titusville Opera House, Titusville, Pa.
Academy of Music, Petersburg, Va.
Opera House, Helena, Ark.
Perking Opera House, Springfield, Mo.
Opera House, Wilkes-Barre, Penn.
Anniston, Ala.
Carbondale, Penn.
Paris, Mo.
Los Angeles, Cal.

CHURCHES.

First Baptist, Minneapolis, Minn.
First Presbyterian, Westfield, N. J.
Holy Trinity, Hoboken, N. J.
Central Congregational, New York.
West Harlem, M. E., New York.
Christ Episcopal, Jordan, N. Y.
First Congregational, Williamstown, Mass.
First Baptist, Franklin, Ind.
Euclid Ave. Congregational, Cleveland, O.
Second Congregational, New London, Conn.
Twenty-Second St. Baptist, Louisville, Ky.
Methodist Episcopal, Chatham, N. Y.
Universalist, Titusville, Pa.
Presbyterian, Greenwich, Conn.
St. Stephen's, Worcester, Mass.
Trumbull Ave. Presbyterian, Detroit, Mich.
Methodist Episcopal, Flemington, N. J.
Jane St. M. E., New York.
First Unitarian, Deerfield, Mass.
St. Rose, Lima, N. Y.
Congregational, De Kalb, Ill.
St. John's M. E., Brooklyn, N. Y.
Methodist Episcopal, San Bernardino, Cal.
First Baptist, Columbus, Miss.
Methodist Episcopal, Ontario, Cal.
Church of the Ascension, Hamilton, Ont.
Madison Ave. Reformed, New York.
Centenary M. E., Newark, N. J.
Greenwood Baptist, Brooklyn, N. Y.
Methodist Episcopal, Springfield, Vt.
Second Reformed, Newark, N. J.
Seventh Day Baptist, Plainfield, N. J.
Zion, Greene, N. Y.
West Side Ave. Presbyterian, Jersey City, N. J.
Presbyterian, White Plains, N. Y.
English Lutheran, Hazleton, Pa.
Brick Church, Presbyterian, Orange, N. J.
Methodist Episcopal, Austin, Minn.
First Baptist, Johnstown, Pa.
Presbyterian Church, Horseheads, N. Y.
Methodist Episcopal, Hackettstown, N. J.
Trinity Church, Portland, Conn.
Dwight Place Church, New Haven, Conn.
First Presbyterian, Galveston, Tex.
Classon Ave. Presbyterian, Brooklyn, N. Y.
Tomkins Ave. Congregational, Brooklyn, N. Y.
Baptist, Beverly, Mass.
Asbury Memorial M. E. Church, Providence, R. I.
St. Bernard's, Raritan, N. J.
Cumberland Presbyterian, Murfreesboro, Tenn.
First Presbyterian, Englewood, N. J.
Pilgrim Congregational, Duluth, Minn.
First Congregational Church, St. Albans, N. Y.
Garland St. M. E. Church, Flint, Mich.
Summer Ave. M. E. Church, Brooklyn, N. Y.
Tabernacle Baptist, Brooklyn, N. Y.
Baptist Church, Bristol, Conn.
Lutheran Church, Wooster, O.
Centenary M. E. Church, Jacksonville, Ill.
Eliot St. Congregational, Newton, Mass.
St. George's Church, Astoria, N. Y.

Correspondence invited. Estimates with special designs furnished when requested.

I. P. FRINK,
551 Pearl Street, - NEW YORK.

The American Architect and Building News

ADVERTISERS' TRADE SUPPLEMENT.

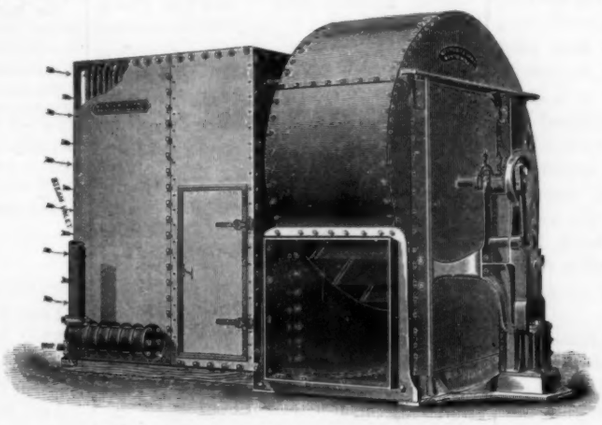
No. 82. SATURDAY, APRIL 6, 1889. Volume XXV No. 695.

THE STURTEVANT SYSTEM OF HEATING AND VENTILATING.

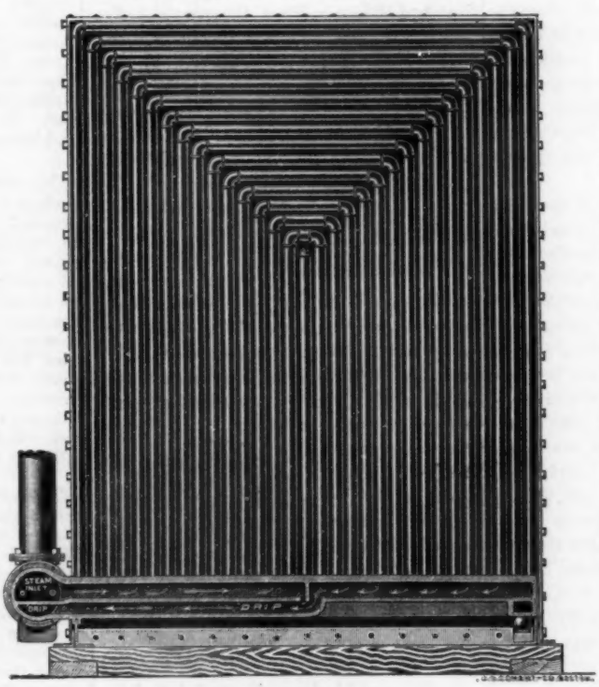
The necessity of mechanical ventilation in all cases where positive action is required is becoming more and more keenly felt every day. Particularly in this vicinity, has the discussion of the new Suffolk County Court-House and the condition of our public school-buildings brought the subject into prominence.

The only accepted and economic means of mechanically ventilating is the fan. If, in conjunction with the fan and ventilating system, the heating system can also be operated, there is not only a marked saving in expense, but a combined system is formed which heats and ventilates with the maximum of efficiency. It has been the common practice among many architects and contractors to purchase the fan of one party, the heater of another, the engine of another, and so on. To meet the requirements, and, at the same time, reduce the cost to a minimum, this house has for years manufactured what is known as the Sturtevant Steam Hot-Blast Apparatus. This line of manufacture was started nearly a quarter of a century ago, and since that time over five thousand of these apparatuses have been sold. They are now to be found in use in buildings of all classes, from the machine-shop and foundry to the largest and finest public buildings, theatres, etc.

Radical changes have very recently been made in the entire apparatus, and it is now presented in the improved form, as shown in the accompanying cuts. The small cut represents the apparatus complete. It consists in its several parts of a steel pipe steam-heater (shown in larger scale herewith), a fan, and an engine. The heater is constructed upon a series of cast-iron sectional bases, into which are screwed vertical rows of steel pipe, connected at the top by cross-pipes. The course of the steam is clearly shown, the steam inlet and drips being in the same header connecting with the series of sections. The fan is specially designed for handling large volumes of air at a minimum expenditure of power. It is lightly but strongly built of steel plate, and stiffly braced. The engine is of the best type, embodying the results of years of experience in fan-propulsion, and is capable of continuous running at high speed. When desired, the fan may be driven by belt from an independent engine.



The Sturtevant Improved Steam Hot-Blast Apparatus.



Section through Heater.

The outlet of the fan may be connected with a duct communicating with the branches or flues to the various rooms. The admission of warm air to these rooms is regulated by registers or by dampers in the flues. The peculiar advantages of this system consist in the much reduced amount of heating-surface required, the positive and absolute ventilation and heating of the apartments, the removal of all the steam-pipes from the rooms, and the placing of the control of the entire system in the hands of a single person.

It is adaptable to all classes of buildings, and this house is prepared to put in complete ventilating and heating plants, comprising boilers, engine, heating and ventilating apparatus, return-water apparatus, flues, registers, etc. A very complete and comprehensive description of this system is contained in a large eighty-page, illustrated "*Treatise on Ventilation and Heating*" issued by this house. A copy will be mailed upon application.

B. F. STURTEVANT,
BOSTON, MASS.

RUBBER GOODS.

The New York Belting and Packing Company, New York, enjoy the reputation of making the finest mechanical rubber goods in the world, and also the rare faculty of knowing just how to let the public become aware of it, through liberal and judicious advertising and capable, energetic representatives. Their latest lucky stroke is in having secured as their Southeastern agents the Atlanta Rubber Company, of Atlanta, Ga., who conduct the only jobbing business in rubber goods in the entire Southeast. This firm will carry at Atlanta a very large stock and complete assortment of the New York Belting and Packing Company's vulcanized rubber goods, from which orders can be filled without an hour's delay — a fact of interest to every one who handles or sells mechanical rubber goods in the Southeast. During their existence of some six years they have built up an excellent name for square-dealing, careful and prompt attention to orders and business courtesy. The New York Belting and

Packing Company is to be congratulated in securing their services, as the New South is fast developing its manufactures, and will constantly demand more and better supplies of this kind, and no one is in a better position to advance their interests in this territory, than these new agents.

NEW YORK BELTING AND PACKING CO.
15 Park Row, New York.

TIMBY'S LATEST AUTOMATIC LOCK.

FOR SINGLE-SASH WINDOWS AND DUMB-WAITER DOORS.

In response to numerous calls from architects and builders, as well as private individuals that contemplate erecting dwellings or business blocks during the coming season whose plansand specifications call for single-sash windows, this lock has been specially designed and placed upon the market..

There are many reasons why the heavy oak or other hard-wood single sash, are being substituted for soft-wood double sash for windows in many of the costly blocks, and residences now in process of construction in different parts of the country. Everything considered the single sash makes a very handsome and desirable window and the number used is rapidly increasing. But the question of a suitable locking device for such sash has been a puzzler. From amongst all the "centre sash fasts" in the market, and their name is legion, not one can be selected that can be applied to a single-sash window, or a lifting dumb-waiter door. It must be admitted that it is just as essential that a window should be locked, as that a door should be, and while it is important that the lock used should be strong, and substantial, it is of the highest importance that it should be automatic in its action, locking the sash securely when closed, and just as securely when open for ventilation, or other purposes.

The "Timby" Single Sash Automatic Lock, accomplishes all that can be desired in this direction.

It is a mortise lock, entirely novel in construction, extremely simple in all its parts, applicable to any window, perfectly automatic in its action and when set in the stile of the frame, and the sash adjusted in position, all that remains in sight is the operating device upon the face of the inside stop bead.

The accompanying illustration represents a section of window frame with the lock applied to the left-hand stile.

The positive automatic action of the bolt, makes it simply impossible to raise a sash from the outside two or four inches, when the same has been left slightly open by the carelessness of servants, or others or for purposes of ventilation. If by the accumulation of ice or snow under a sash it cannot be perfectly closed, and the bolt does not enter the socket in the sash, should a person from without attempt to raise it, the bolt would automatically enter the next socket, and prevent the possibility of raising the sash farther.

The sockets in the edge of the sash are provided with heavy metal plates, or bearings, secured in proper position at different points by screws. The heavy bolt of the lock is projected automatically into the same, thus locking the sash at different points of adjustment.

Particular attention is invited to the great strength of all the component parts of this lock. Its wonderful simplicity, and ready adjustability to any window, the bolt being of sufficient strength to withstand more than a thousand pounds pressure. The mechanism of the operating device is novel in the extreme; externally, the appearance is simply that of a thumb-nut, resting upon a plate beneath.

Suspended from the extreme inner top of the thumb-nut is an adjustable lever extending downward within the walls of the nut, and far enough below the plane of the face-plate to admit of an adjustable connection with the extended arm of the lock proper. The rocking, or semi-rotary motion of the bolt arm, sufficient to withdraw the bolt from the socket, and thereby release the sash is produced by sliding the thumb-nut downward, which, having a leverage of nearly two inches, the greatest possible ease of operation is assured. This new lock is a recent invention of Mr. T. F. Timby of Brooklyn, N. Y., but it is a separate and distinct invention from the burglar-proof sash-lock and ventilator.

Three different sizes of this new lock is manufactured. No. 1, being for the heaviest hard-wood single sash. No. 2, for medium weight. No. 3, for dumb-waiter doors and ordinary single or double sash windows.

Descriptive circulars and price list of this new lock may be had by addressing the manufacturer,

I. G. JENKINS,
Oswego, New York,
or T. F. Timby, manager of the New York City Office, 102 Chambers Street, New York City.

ELECTRIC TIME SYSTEM FOR PUBLIC BUILDINGS.

Architects are without doubt aware of the growing demand for a good system of Electric Time for Public Buildings and Factories.

The "Warner" system, supplied by the Standard Electric Time Company, of New Haven, Conn., meets this demand in a most satisfactory manner and has attained an enviable reputation for good and reliable service wherever it has been used.

In this system a switch-board is used by means of which the secondary or electric clocks are all controlled from a central point, whether the circuit is confined to one building or extends to all parts of a large manufacturing establishment covering acres of ground. The switch-board shown in the cut is of the pattern used when the system is run from a tower clock, as is often done. It contains an electric gauge of simple construction which shows the condition of the battery at a glance and a small indicator clock which always shows the condition of the secondary clocks throughout the circuit. An alarm-bell is also attached which gives immediate warning in case the service fails from any cause, whether failure of the battery or breaking of the circuit wires.

When it is desired to use a regulator as the master-clock this company furnishes a fine self-winding regulator with the switch-board system inclosed in its case. In this way no care is necessary except to replenish the batteries once in twelve to eighteen months, as the alarm-bell will call attention to it in case anything goes wrong.

This system of time is used by the N. Y., N. H., & H. R. R. Co., and many others, and has *never* failed to give complete satisfaction. In cost it will compare favorably with any electric clocks ever offered to the public and is considerably less than any other system capable of giving even fairly good service.

THE STANDARD ELECTRIC TIME CO.,
New Haven, Conn.

REMOVAL.

On or about May 1, 1889, I shall remove my business to 43 Beekman Street, a much more commodious and desirable place than that which I now occupy.

I desire to thank my friends and customers for their past favors, and take pleasure in stating that it is due to their patronage in part that I am now enabled to secure a more desirable place of business.

As heretofore, I shall take pleasure in giving personal attention to all work entrusted to my care, and in my new place shall be able to show the different sanitary appliances which I am now having manufactured at a better advantage. After June I shall be able to show all the standard closets of first quality in operation in my store, and shall keep on hand a full line of plumbing fixtures.

All material sold and all work done by me will be guaranteed.

LEONARD D. HOSFORD,
66 Beekman Street, New York.

NOTES.

The Whittier Machine Company have recently put into the building of Messrs. George C. Goodwin & Co., on Hanover Street, Boston, a belt elevator for freight service.

All Saints' Church, Richmond, Va., from plans by M. J. Dimmock, architect, has recently been finished and dedicated. This church has been entirely decorated and furnished by Messrs. J. & R. Lamb, of New York. Their work includes all of the stained-glass windows, the color decoration of the walls, and all the chancel furniture in carved oak. The result obtained is very consistent and harmonious.

Messrs. Somers, Lindeman & Co. have such faith in their liquid-filler, the "Lindeman," that they are willing to sell it to responsible parties, subject to their approval. It obviates the necessity of rubbing off — an expensive and laborious task. It is an excellent substitute for white shellac. It can be used on the lightest wood without discoloring it; it is entirely transparent; hence does not cover up the finest figures of the wood; it effectually prevents suction or absorption. On ordinary close-grained woods, one coat of *Liquid-Filler* and one coat of varnish will make an excellent finish, presenting sufficient body on which to rub.

The attention of manufacturers, importers and dealers in building materials and appliances is invited to the advertisement of Bicknell's Advertising Bureau in another column. Mr. A. J. Bicknell's long experience and connection with the architectural and building trades as a publisher and advertiser is a guarantee of his knowledge of the mediums best suited to the introduction and sale of the various articles that enter into the construction and finish of buildings. In the establishing of this Bureau, Mr. Bicknell takes the position of not confining himself to the interests of any one publication, but of placing the business of his patrons where the result will be most satisfactory.

THE SANITAS MANUFACTURING COMPANY.

SANITAS SINK AND FLUSH-POT.

This new device has successfully solved the problem of the disposal of kitchen and pantry waste-water.

It is absolutely automatic in its action, and to this feature is largely due its great success.

It is so constructed that it must always do its work correctly and completely, and it *cannot be made to do otherwise*, even by the greatest ignorance or neglect on the part of the user. It operates on the principle of the intermittent automatic flush-tank, keeps the waste-pipes clean and obviates the necessity of using a grease-trap. It is provided with an accessible seal-retaining trap constructed on the principle of the Sanitas Trap, and is altogether the only complete sanitary kitchen-sink ever offered to the public.

One of the most difficult problems in sanitary plumbing is the disposal of kitchen-waste.

The fatty substances dissolved in the hot-water of dish-washing are in ordinary kitchen-sinks discharged into the waste-pipes, where they quickly congeal and clog them. To overcome this difficulty innumerable devices have been invented, but hitherto without success.

Large pot-traps have been used under the sink with the view to collecting the grease before it entered the main waste-pipes. But these traps require constant attention to remove the accumulating filth at suitable intervals, and as there is nothing in their mechanism to remind the servant when they require emptying, and as the emptying is an extremely offensive operation owing to the putrid condition of the contents of the trap, the work is neglected and the waste-pipes become obstructed as much as if no pot-trap existed. Moreover, the trap must, on account of its weight, be placed on or below the floor, leaving a considerable length of pipe between it and the sink outlet to be clogged.

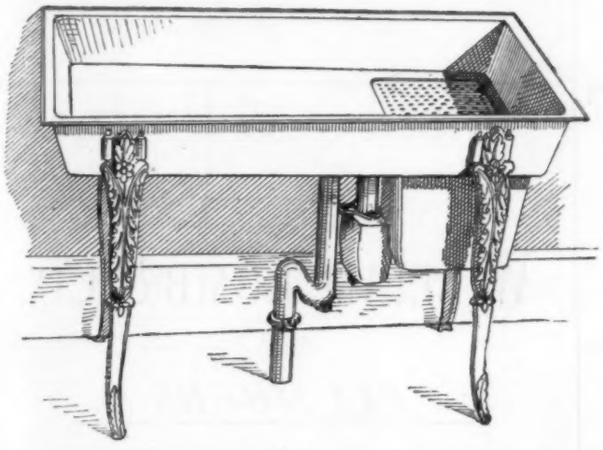


Fig. 1.

Large grease-traps have been used, but they are open to the same serious objections as the pot-traps, and utterly fail to solve the problem.

Flush-pots, with ordinary outlet-plugs, have been tried. But as the outlets must necessarily be operated by the persons who use the sink, it is found that sooner or later they are improperly used, and then greater objections than ever result.

Any simple plug-outlet in kitchen-sinks offers a tempting waste receptacle for solid refuse which an ignorant servant is certain to scrape into it to avoid the trouble of their proper removal; and even with the greatest care there is nothing to prevent the accidental passage of solid matters sufficient to clog the trap through this outlet, particularly where the strainer is movable, and in practice this is what is found to occur.

It was for the purpose of avoiding these objections that the Sanitas Kitchen-Sink was invented.

It has been assumed at the outset as an indispensable condition in the design of the apparatus, that absolutely nothing should be dependent upon the intelligence and care of the servant, and that by no possibility could the waste-passages become clogged either by accident or by design. In short, that the operation should be entirely automatic, and that the form of the outlet should be such that no solid refuse *could possibly gain access to it.*

These results have been obtained in the Sanitas Sink as follows:

The general form of sink and flush-pot, designed by the well-known sanitary engineer, William Paul Gerhard, has been adopted as a basis. It consists of the combination of a square flush-pot, with an ordinary kitchen-sink, in such a manner as to provide a sink of the ordinary appearance and form alone, but having a deep portion or flush-pot at the end. This deep portion is partly covered with a strainer, and the waste-water is discharged through a stand-pipe overflow and outlet-plug, preferably the "Sanitas" waste.

Mr. Gerhard's sink is an improvement on Colonel George E. Waring, Jr's. flush-pot, in being more convenient in form and arrangement, and hence less liable to improper usage than the latter. But neither possesses the all-important requisite of automatic action.

It remained for Mr. William E. Hoyt to suggest the use of an automatic discharge in connection with the Gerhard Sink and for Mr. J. P. Putnam to embody the suggestion in practical form in the Sanitas Sink. Thus the Sanitas Kitchen-Sink is the creation of four competent sanitarians, and its construction and operation are worthy of its parentage.

Figure 1 represents a perspective view. Figure 2 a plan and Figure 3 a section of the Sanitas Kitchen-Sink. The Flush-Pot of Gerhard is retained except that the upper or horizontal strainer covers the entire pot and is hinged to one end of the sink so that it may be opened when it is desired to use the deep part of the sink. Instead of a stand-pipe discharge however, a siphon discharge is used, and a vertical strainer is interposed between the flush-pot and its siphon. The short arm of the siphon is trapped with a seal-retaining trap of the Sanitas-trap principle just behind the vertical strainer. This strainer slides upwards in a groove to give access to the trap when desired, but closes again automatically by its own weight as soon as released. Clean-out openings are provided at the trap and wier chamber and give access to every part of the waste system. No bones and solid refuse can be scraped into the discharge outlet and dropped into the waste-pipe, because this pipe ascends instead of descends at the outlet and should the trap be clogged, it will simply cause the water to cease to flow out until the obstruction is removed, which can easily be done by simply raising the lower strainer and lifting out the obstruction by hand.

The operation of the Sanitas Kitchen-Sink and Flush-Pot is as follows: The sink is used in the ordinary manner until the flush pot fills to the height of the siphon overflow. When this point has been reached the next discharge of a quart or two of water from the washing-pan charges the siphon and causes the entire contents of the flush pot to rush out through the waste passages filling them full bore and scouring them from end to end. The solid matter and lumps of grease will be left on the bottom of the flush-pot and must be removed by the servant in the proper manner, inasmuch as they cannot possibly be removed in any other manner.

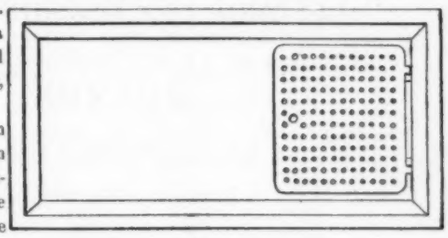


Fig. 2.

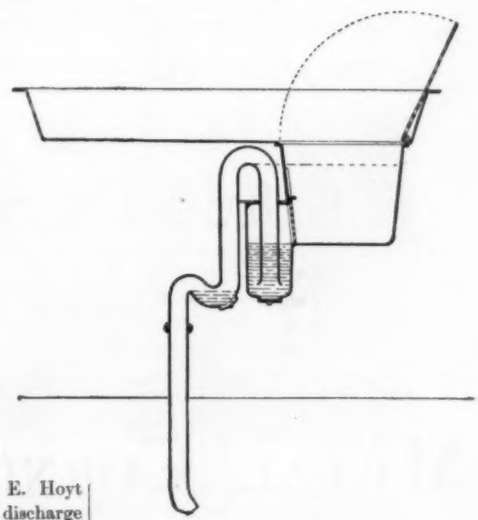


Fig. 3.

Thus by the use of the Sanitas Sink and Flush-Pot all the great annoyances, expenses and dangers arising from the discharge of sink refuse are completely avoided. Moreover, the Sanitas Sink is in most cases much more economical than any other. The Sanitas Flush-Pot is entirely constructed of iron, and is of simple form. The additional cost of the actual flushing apparatus over that of an ordinary kitchen sink is trifling. But the sink contains its own trap and the cost of trapping is avoided rendering the sink really no more expensive than an ordinary sink and trap. The Sanitas sink trap is also antisiphonic and hence requires no back-venting in which case the use of the Sanitas Sink and Flush-Pot is considerably cheaper than that of any ordinary sink.

The Sanitas Flush-Pot is designed for use

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either with ordinary iron, soapstone, wooden, or any other form of sink, and is sold either alone or in combination with an iron sink body especially cut out to receive the flush-pot, as shown in the figures already referred to.

DIRECTION FOR SETTING.

The Sanitas Kitchen-Sink and Flush-Pot are set just as any sink, except that no trap is needed, a seal-retaining trap of the best and most scientific form being constructed in the apparatus itself. This trap has the very great advantage of being directly accessible from the flush-pot of the sink without the removal of so much as a screw. The trap, moreover, being anti-siphonic, requires no venting, and this expense may be avoided. The trap may be vented, however, if desired, like any other trap, in which case the vent-pipe should be taken from the lead waste-pipe just beyond the wier chamber, or at the bend of the floor, as is usual in back-venting kitchen-sink traps. But such trap-venting decreases the rapidity of the discharge of waste-water and its consequent flushing effect as much as thirty per cent, and it is to be condemned as an expensive and useless complication.

The discharge-pipe below the siphon should have as quick a fall and as much of a fall as

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possible, in order to increase the rapidity of the discharge of the flush-pot and its consequent scouring action. It is best to use a 1½ inch or 1¾ inch pipe for several feet below the siphon, since a small pipe fills "full bore" easier than a larger one. At the end of the perpendicular fall the 1½ or 1¾ pipe may enter a two-inch pipe.

When soapstone or earthenware is preferred for the sink, the Sanitas Flush-Pot is provided with a wide flange, in order that the screws securing it to the soapstone may be placed at some distance from the edge of the latter for greater strength.

Fig. 4.

The flush-pot is set with such a sink as follows: A square opening is cut in the bottom of the sink of the size and form of the inside of the top of the flush-pot, and tapped to receive the bolts of the latter. The flush-pot is then bolted to the under-side of the soapstone with the bolts furnished with the flush-pot.

THE SANITAS OPAL-PULL.

Figure 4 illustrates the Sanitas Pull. This is undeniably the most ornamental and durable pull on the market. Having the texture and pure white color of the earthenware of the closet and other plumbing fixtures, it harmonizes with them in appearance, and requires no scrubbing or burnishing to keep it permanently as bright as when new. Its construction is so strong and solid that it is practically indestructable. For sale by all dealers in plumbing supplies, and by

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C. G. Cunningham & Co., 207 Tremont St., Boston, Mass.; 54 Gold St., New York, N. Y.; 47-49 Dearborn St., Chicago, Ill.
W. F. & D. D. Kearns, 229 Walnut St., Cincinnati, O.; 316 Chestnut St., St. Louis, Mo.
Arnold & Co., 40 California St., San Francisco, Cal.
Armand Higman, 236 Sparks St., Ottawa, Ont.

A PAMPHLET has recently been issued under the title of "Additional Designs for Iron Greenhouses, Palm-Houses and Conservatories, taken from photographs of work recently erected by Plenty's Horticultural and Skylight Works, of 144 Pearl Street, New York."

In looking it over one would be struck with the grace and proportion obtained by the very simple lines of construction, and by the subordinate part which the buildings play in the exhibit of plants, so that it is easy to realize the fact, often commented upon, of the extreme lightness and airiness of buildings of this construction, which throws no shadow and conveys the impression of unobstructed sunlight.

The growth and increasing wealth of the country is creating a demand for permanent greenhouses and horticultural structures, and by those who have experienced the constant annoyance of continually repainting and reputtying wooden greenhouses, the system of

puttyless-glazing will be well appreciated. The Helliwell Patent Puttyless Glazing has been used in this country for the past three years, and has proved itself adequate to all the varying conditions of our changeable climate. It has given universal satisfaction wherever it has been used. A glance over the letters and testimonials given will show what its patrons think of it. Some very successful examples of this system has been erected by me for the following gentlemen, among many: L. L. Lorillard, Esq., Newport, R. I.; Henry Graves, Esq., Orange, N. J.; D. B. Wesson, Esq., Northboro, Mass.; J. Pierpont Morgan, Esq., Highland Falls, N. Y.; Alfred C. Harrison, Esq., Chestnut Hill, Pa.; H. M. Boies, Esq., Scranton, Pa.; Edward D. Adams, Esq., Seabright, N. J.; W. H. De Forest, Esq., Summit, N. J.; G. Krueger, Esq., Newark, N. J.; H. B. Perkins, Esq., Warren, O.; H. E. Lawrence, Esq., Sparkill, N. Y.; M. D. Thatcher, Esq., Pueblo, Col.; J. E. Smith, Esq., Beatrice, Neb.; James Clarke, Esq., Louisville, Ky.

In the matter of skylight or roof-lights, the Helliwell system is altogether without a rival. For strength, lightness and durability the new patent rolled-steel bars are not to be compared with bars made of galvanized-iron. The system is now specified by the most prominent architects of the country on their best work.

We give an illustration of the new passenger station at Jersey City just erected and glazed under this system for the Central Railroad of New Jersey, and Baltimore and Ohio Railroads. This skylight contains about 30,000 square feet of glass, the main trusses are 32 feet apart, and the skylight-bars span 13′ 6″ between purlins. The architects are Messrs. Peabody & Stearns, Boston, Mass.

We also give sectional cuts of the shape of the bars, and of the method of arranging and fastening the glass in position.

Any one who contemplates the erection of glass buildings of any description, will benefit by the perusal of the pamphlets and circulars on this subject published by

JOSEPHUS PLENTY,
144 Pearl Street, New York.

THE STAR METAL-CORED RUBBER-STOPPER.

Among the many firms engaged in the manufacture of bath-room and laundry appliances, there is none that stands higher than The Wm. Powell Company, of Cincinnati, O. Organized in 1846 under the style of Wm. Powell & Company, and incorporated in 1886, we rank among the pioneers in this business.

Enterprising and ever on the alert, we have been quick to note the demands of the trade, and have been constantly making improvements in this class of goods. And our reputation for fair-dealing and honest work has been such that our goods have become deservedly popular, as stated. In 1886 this Company was incorporated as The Wm. Powell Company, and our faculties for doing good work have been constantly increasing.

Among the recent improvements which we offer the trade is the Star Metal-cored Rubber-Stopper, a cut of which we present herewith.

When some years ago we introduced the Star Rubber-Stopper, it was received with favor and universally adopted by the trade, but it had its defects. Now, however, we present a Stopper that is perfect. The Metal-core is completely enveloped in a rubber-casing, the core extending up into the rubber-neck, thereby preventing any strain on the rubber, and its weight is sufficient to prevent it floating from its socket. While the metallic parts being protected by the rubber casing, all danger of injuring china-basins or polished linings of bath-tubs is entirely obviated; at the same time the prices have been so reduced as to enable them to displace the old brass style. Any information relative to prices and discounts may be obtained by addressing the sole manufacturers and owners of the patent,

THE WM. POWELL COMPANY,
50, 52 and 54 Plum Street, Cincinnati, O.

NOTES.

The Manhattan Brass Company, First Avenue, Twenty-seventh to Twenty-eighth Streets, New York, whose advertisement appears on page i, are making a specialty of interior brass decorations of a superior quality for theatres, banks, offices, etc., consisting of railings and grill-work of all patterns. They have just completed the railings and grill-work throughout Proctor's new building, Twenty-third Street, located between Sixth and Seventh Avenues. A very beautiful and complete piece of workmanship in all its detail, and it would pay all admirers of fine workmanship to examine. They are also continually putting up some of the very fine brass and bronze stoop-rails seen throughout the city. For quality, finish and workmanship this Company cannot be excelled.

The Whittier Machine Company have recently put into the house of Mr. U. H. Crocker on Commonwealth Ave., Boston, Mass., an hydraulic plunger elevator for passenger service. For the Masonic Temple in Washington, D. C., one horizontal steel boiler and an hydraulic piston passenger elevator upon their Pressure Tank System. Also for Messrs. Prestwich & Fuller of Westerly, R. I., three horizontal steel boilers, each two and one-half feet in diameter.

Dixon's Silica-Graphite Paint, made by the Jos. Dixon Crucible Co., Jersey City, N. J., covers more than double the surface of any other paint. It is unaffected by heat or cold, storms, salt air, rust or even acids. A tin roof well painted will not need repainting for 10 to 15 years or longer. It is equally useful for metal, iron or wood work.

Messrs. J. & R. Lamb have recently executed for the Church of St. Martin, in the Fields, Chestnut Hill, Philadelphia, Pa., from plans by G. W. & W. D. Hewitt, architects, brass pulpit, eagle lectern, brass and oak communion-rail, and a brass and oak font-cover. All are of intricate design and elaborate workmanship. Grace Memorial Chapel, at Evansville, Ind., Messrs. Reid Bros., architects, has recently been completed. Messrs. J. & R. Lamb, of New York, have furnished for this chapel a beautiful stained-glass window, antique oak pulpit and bronze memorial tablet. The chapel is built by Mrs. David J. Mackay, of Evansville, in memory of her parents, John and Sarah Law.

An important organization entitled "Booth Brothers & Hurricane Isle Granite Company," has just been incorporated, with a capital of $250,000.00 for the purpose of carrying on an extensive quarrying and contracting business in rough and cut granite.

It is a consolidation of two important concerns. Messrs. Booth Brothers have been established in New York for eighteen years past, having their office at 60 Bank Street, and their yard at 113th Street and Avenue A, and their quarries at Millstone Point, Niantic, Conn., and Long Cove, Tenant's Harbor, Me. The Hurricane Isle Company had also been in business for a number of years in the same line.

The officers of the new company are: Mr. William Booth, President; Mr. John Booth, Treasurer; Mr. John Donaldson and Mr. Charles S. Ferguson, Secretaries. Mr. James Shands and Mr. William S. White are also among the incorporators. All of these gentlemen are well and favorably known in the trade, and all bring important connections and relationships to the new company.

The office of the company remains at 60 Bank Street, and the New York yard at 113th Street and Avenue A, and the company will operate about half-a-dozen of the largest granite quarries in the country, mostly in the State of Maine, the others being in Connecticut and Rhode Island. This consolidation of different interests makes the company one of the largest concerns in the business, and its facilities and arrangements are unsurpassed. It is quite certain that the company will do a large business from the first.

The management could not well be in stronger hands.

The season is at hand when builders of homes, are looking around for the best medium in every line, with which to improve the artistic effect of "our new house."

Among the many new styles which tend to add harmony to color, is the use of stain or coloring for mortar or plaster.

These goods are yearly growing in favor and have come to stay. Messrs. S. Bowen's Sons, 150 N. 4th Street, Philadelphia, make the "Pecora" Mortar Stains and are doing an extensive business in these goods and have recently published a book of gelatine plates, illustrating the edifices in which their goods are used, with letters from the prominent builders and architects connected with same. Architects and masons or owners, will be favored with copies by writing for them and will no doubt be enlightened and interested in this work.

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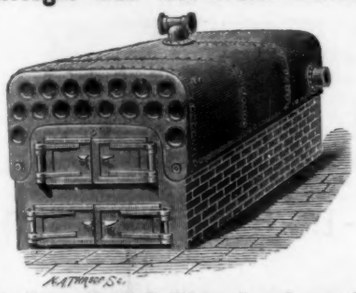

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Without hesitation I can recommend your Cement to those desiring a good and reliable article. Very truly yours,

C. C. MARTIN,
Chief Engineer and Superintendent.

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do do	28 "	50 "	711.1 "	
1 Cement and 3 Standard Sand	7 "	15 "	213.3 "	
do do	28 "	20 "	284.4 "	
1 Cement and 6 Standard Sand	7 "	6 "	85.3 "	
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Send for Testimonals, Pamphlet, Directions for Testing, etc.

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Read's Patent Harness Bracket.

An Article long wanted but never before made.

Holds the whole harness, takes no more room than the ordinary hook or peg, can be used for both single and double harness. Gives the harness-case a neat appearance, as it carries the harness up uniformly in width with the saddle, beside keeping the bridle and breastplate in their proper shape. They are neatly japanned, with gilt facings. Price $18 per dozen. Are now in use in over 100 first-class private stables in and about Boston.

Each bracket lettered "J. J. Read, Boston, Mass." For sale by dealers everywhere.

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The public are cautioned against all similar brackets, not marked with my stamp, as such brackets are infringements of patents held by me.

Also cedar-top riding-saddle bracket. Price $3.50 each. And whip-rack for English coach and straight whip combined. Price 50 cents each.

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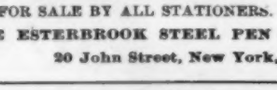

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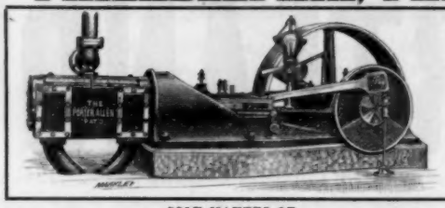

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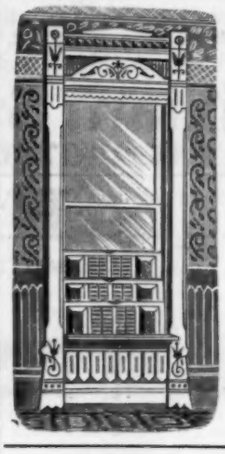


Hartman's Patent Inside Sliding Blind.

A great improvement over all other blinds, slide up and down in the window like sash, move easily, and stay where placed. No hinges, hence no swinging, sagging and tangling with curtains and window drapery. Must be *seen* to be appreciated. Excel *any other sliding blind* in the market for *economy, durability, style, beauty, convenience, etc.* Also the most perfect arrangement for Fly Screens, consisting of an additional section which slides same as the blinds; very much admired by all.

They are also made to slide entirely down to the floor, into pocket, out of sight, without any additional expense. 25 per cent. cheaper than the hinged blind, and *will last double the length of time.*

No more an experiment; tens of thousands now in use. Architects are specifying them. They always give satisfaction.

The only blind that is furnished with an *Automatic Burglar-Proof Lock, free of charge.*

Agents wanted everywhere. Send for illustrated catalogue and prices to

HARTMAN & DURSTINE,
No. 72 Larwill Street, Wooster, Ohio.

WITHROW & HILLOCK, (Toronto, Ont.),
M'f'rs for the Dominion of Canada.

Wigger's Patent Sash Lifters.

A SIMPLE CONTRIVANCE DESIGNED TO FACILITATE THE RAISING AND LOWERING OF

ONE-LIGHT SASHES.

A strip of concave-convex metal, with projecting knobs, fitting over the bead on the stile.

Readily applied to either new or old work. Furnished in different styles—brass, nickel-plated, white, japanned, etc.—to correspond with painting or other metal trimmings.

Architects, Builders, Carpenters and Painters will be furnished with Circulars by the Hardware trade.

BRAINERD & CO.,
Manufacturers' Agents,
97 CHAMBERS STREET, NEW YORK.

COMINS & EVANS,

GRAVEL AND METAL ROOFING

Artificial Stone Sidewalks. Warren's Natural Asphalt Roofing.

TELEPHONE CALL, BROOKLYN 366.

41–45 WAVERLY AVE., BROOKLYN, 114 JOHN ST., NEW YORK.

A. G. NEWMAN, late NEWMAN & CAPRON.

MANUFACTURERS OF

Fine Bronze Hardware, Bank, Office and Stoop Railings in Bronze or Brass. Antique Furniture-Trimmings. Electrical and Mechanical Bell-Hanging Burglar-Alarms.

Warerooms, 1180 BROADWAY. Factory, 157-163 WEST 29th STREET, NEW YORK, N. Y.

The American Architect and Building News

ADVERTISERS' TRADE SUPPLEMENT.

No. 83. SATURDAY, MAY 4, 1889. Volume XXV. No. 697.

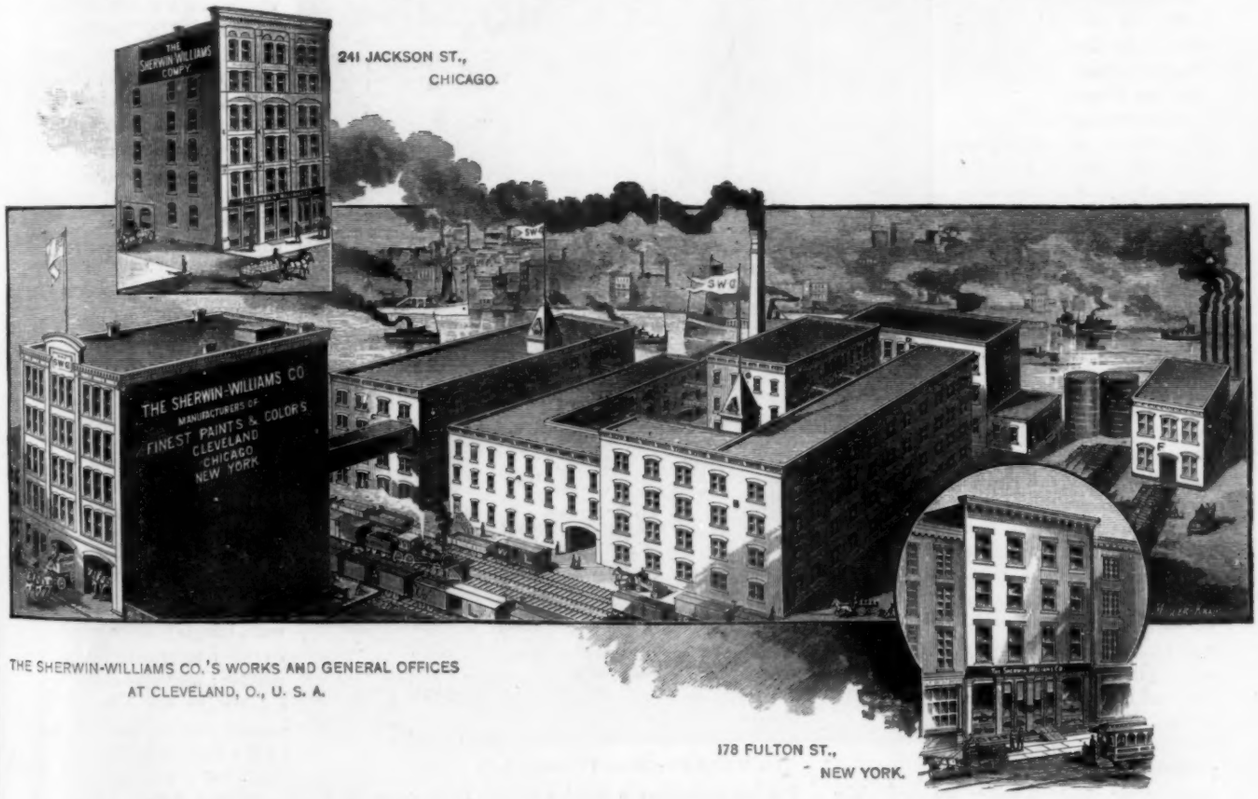
PAINTS.

Architects have an interest in all developments which directly or indirectly affect them. Working with them to a definite end are the manufacturers and artisans, who prepare and use the materials employed in erecting buildings, all tending toward a higher state of perfection, and all giving tangible and eloquent expression to their motives, talent and activity in the structures which they erect. Is this unity of interest between the architect, the manufacturer, and the artisan fully recognized? Is this essential co-working intelligently carried out? Do the manufacturer and the artisan catch the spirit of the architect, comprehend his drawings and specifications, so that his thought finds clear, tangible expression? Does the architect know the best the various manufacturers can offer for his use? Does he keep abreast of developments and improvements, so that his specifications call for the best articles? Can he be sure of satisfactory results in the carrying out of his designs unless he has entire command of his resources, and can specify the best materials?

In the manufacture of paints, for instance, there have been developments which place within reach of architects an article superior to what has been, until recent years, almost uniformly specified for the painting of buildings. This article is a prepared paint. It is undeniable that there have been good reasons for adhering to the old rule for paint specifications. Many worthless mixtures have borne the name of *paints*, and architects who have taken the trouble to investigate the validity of the claims made for these mixtures have been convinced that the paints were worthless; or, if of any value, that there was no assurance that the standard of quality, if there was one, would be maintained for any length of time. The use of such paints has been found expensive, because of their poor covering qualities, and still more because they would perish soon after being applied.

Is it just, however, to judge prepared paints of all kinds by an unfortunate experience with a few? Is it consistent with an architect's interests to stick closely to an old custom from a firm belief that it is safe when there are other ways decidedly better for him to adopt? There are manufacturers of brick, tile, ironwork, trimmings, and innumerable other articles used in buildings, whose products the architect specifies with confidence. Why cannot paint be made of such quality as to merit his confidence? It can be. It is.

The Sherwin-Williams Paint is not a mixture put upon the market for the mere purpose of enriching the men who make it. It is made and sold to paint buildings with. It was made at the first with some understanding of the building material it was intended to cover; with some knowledge of the conditions of exposure to which it would be subjected; with a definite knowledge that it must be a preservative; with a clear conception of its service as a decorative element. With these objects in view, was it possible to use any but the best materials, the completest facilities, the highest order of talent, in its production? Is it possible that, with such good objects to attain at the commencement, and a phenomenally successful experience of nearly twenty years, during which time this product has constantly tended toward a higher state of per-



THE SHERWIN-WILLIAMS CO.'S WORKS AND GENERAL OFFICES AT CLEVELAND, O., U. S. A.

fection in all points of its adaptation to architectural uses, this paint is unworthy of the architect's favorable consideration? Would it be policy for a company of honorable gentlemen, who have spent the most fruitful years of their lives in producing, perfecting and marketing standard goods, who have made their products famous for excellence all over the continent, to sully their fair reputation by letting the quality decline? It would not. Such men have all the emulation for progress and perfection in their business that architects have in their profession. A good "prepared paint" is a decidedly important article for architects to seriously consider, and to include in their specifications. The Sherwin-Williams Paint has advantages which will commend it to them. A profession like that of architecture, which, more than any other, must be studious and progressive to meet the increasingly exacting demands upon it, cannot afford to ignore the claims of reliable manufacturers.

THE SHERWIN-WILLIAMS CO.,
CLEVELAND, CHICAGO,
NEW YORK.

A SPIRAL STAIRWAY.

A FIRE-ESCAPE WHICH WILL RENDER THE MOST DANGEROUS BUILDING SAFE.

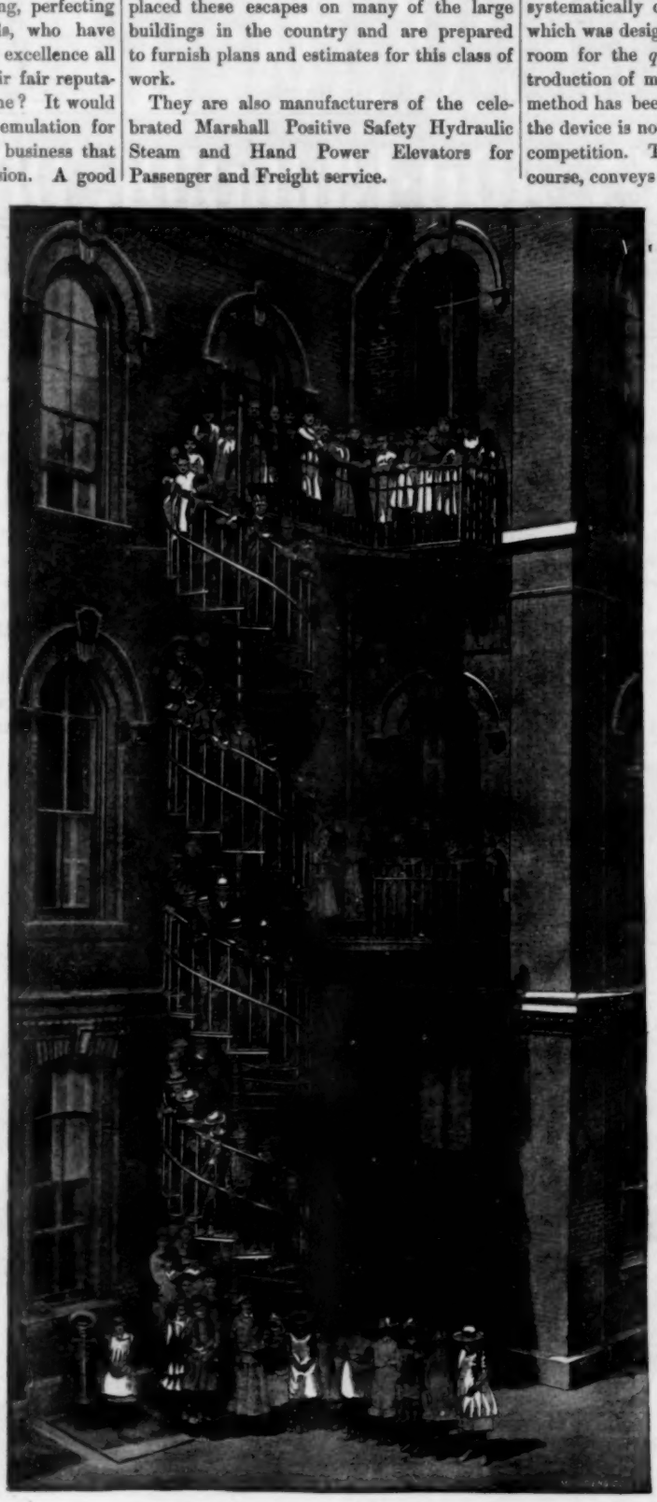
WE call our readers attention to the illustration of the Marshall Patent Spiral Stairway Fire-Escape.

The great trouble with most fire-escapes, as experience with their use at fires has shown, is that they themselves are elements of danger, especially where large numbers are trying to get away from the flames.

The Marshall Spiral Stairway and Stand-Pipe Fire-Escape is made entirely of iron, and is so constructed as to afford an easy and safe means of escape to the old and young even in a panic. The balconies connecting with the stairway are large and substantial, are furnished with an iron railing, adding to the beauty of the building instead of disfiguring it. The stand-pipe device around which the stairway runs, is a feature worthy of attention of hotel proprietors and others interested in schools, factories and public buildings and in fact wherever large numbers of either infants or adults are collected under one roof. The centre column is made of heavy wrought-iron pipe and has at each balcony and on the roof of the building hose valves, and steam fire-engines can be attached to base of stand-pipe. This feature is one which very materially assists firemen in handling the flames, and thus saves property as well as preserves lives. The frequent delays in hoisting fire-ladders is by this contrivance done away with. No mechanical operations of any kind are required, and the escape and stand-pipe are always ready for use, thus providing a means of reaching the fire as well as escaping from it.

Marshall Brothers of Pittsburgh, Pa., have placed these escapes on many of the large buildings in the country and are prepared to furnish plans and estimates for this class of work.

They are also manufacturers of the celebrated Marshall Positive Safety Hydraulic Steam and Hand Power Elevators for Passenger and Freight service.



The Marshall Fire-Escape, Pittsburgh, Penn.

For full particulars in relation to both Fire-Escapes and Elevators, address
MARSHALL BROTHERS,
Iron City Elevator Works,
69 to 75 DIAMOND STREET, PITTSBURGH, PA.

HOUSE-LINING.

THE hollow wall and empty floor-space are necessary features in frame-buildings, and whether it is advisable to seal them tight with inflammable sheathing-paper, in order to obtain insulated air, or to gain it by filling-up the spaces with a low conductor of heat, depends largely on the practical working of what is considered an air-space, and again on the value of the material forming the lining.

Ten years ago steam-pipes and boilers were systematically covered with a plaster-casing, which was designed to leave an inch or so of room for the *quiescent* air, but since the introduction of mineral wool the fallacy of this method has been so thoroughly exposed that the device is now limited to jobs not open to competition. The air on surface of pipe, of course, conveys the heat immediately to the interior of casing, and the temperatures of both these surfaces are manifestly nearly the same; again, when cracks occur in the casing, cold-air enters to replace the hot-air, thus creating a rapid circulation, which cools down the jacket from within and deceives the owner, for he is wasting fuel and does not know it.

The action of the hollow-wall space is similar to this, and quite as deceptive. The reason we make special mention of the theory is because it is widely accepted as true, and its working is so delusive that it requires explanation rather than trial.

Wherever the idea of the air-space is resorted to, whether on a boiler or in the side-wall of a dwelling, it simply introduces the properties of convection and absorption as factors, and these might better be eliminated by filling the space up.

The advantages of mineral-wool for houses will become apparent as we refer to the objects of such linings:

A. As to heat and cold.—A filling of mineral-wool in the ground-floor, say two inches thick, protects against the dampness of cellar; in the outside walls, from foundation to peak, between the studding, it will prevent the extraction of the warmth of interior, and will destroy the force of winds, which otherwise will penetrate and cause draughts; in the roof, say two inches thick, it will retain the heat which rises through stair-wells, bringing about regularity of temperature in cold weather; the upper rooms will not receive the heat of the summer sun and store it up for the occupants during the night, but remain as cool as those on the floor below; the water-fixtures in bath-rooms, closets and pantries will not be exposed to extremes of heat and cold.

B. As to sound.—As sound is communicated by the actual contact of beams, and also by the vibration of the air between them, it can well be understood how a porous material like mineral-wool will have a muffling influence on the solid parts of a building, and so occupy the space that wave motion will not be possible. Such a lining is especially desirable

about bath-rooms to deaden noise of valves and flowing water.

C. As to rats, mice, insects and disease germs.—The analysis of mineral wool shows it to be a silicate of magnesia, lime, alumina, potash and soda. The slag-wool contains also some sulphur compounds. It is plain there is nothing organic in the material to decay or to furnish food and comfort to insects and vermin; on the other hand, the fine fibres of glass are irritating to anything which attempts to burrow in them. From our experience during the past ten years, we feel confident in saying that new houses lined with mineral wool will not become infested with animal life, and old walls may be rid of their tenants by the introduction of it.

D. As to fire.—Our incombustible material renders a building slow-burning; we do not claim that the structure will be *fireproof*, for that is impossible so long as inflammable stuff is used in construction. In passages occupied by the mineral-wool, flames cannot spread; thus surely will they be exposed to sight, and an opportunity for quenching them be offered at the outset. *As an escape for the inmates, it serves the purpose better than all the ladders ever devised.*

What is described as spontaneous combustion takes place when the floor-beams, for instance, have been dried until the point of ignition is very low, and when in conjunction with this, the freely-circulating air is charged with moisture. With these two conditions fulfilled, it only needs the fanning action of a draught to start combustion. Such a coincidence of conditions cannot be brought about if the spaces between beams are filled with indestructible mineral wool.

Mineral-wool is invaluable in hospitals and asylums on account of its arresting the spread of fire, not to mention its other properties. Equally important applications can be made with it in public and private schools, music and concert rooms, sounding-boards, hotels, cottages, country residences, charitable institutions, and in deadening the flats of apartment-houses, and insulating the outside walls of conservatories, hen and pigeon houses.

FRANK E. FITTS,
Successor to GEO. DUNBAR & CO.,
74-76 PEARL STREET, BOSTON, MASS.

THE CALDWELL SASH-BALANCE.

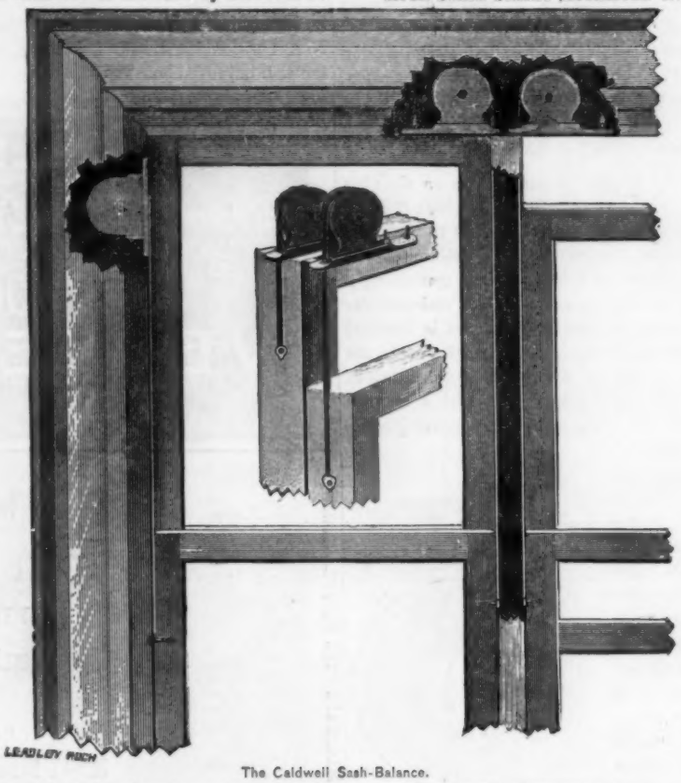
THE Caldwell Sash-Balance is a simple, durable and compact appliance for balancing window-sashes. It consists of a thoroughly-tested steel clock-spring, coiled within an iron drum, around which is wound a tempered brass tape or ribbon, which is attached to the sash; while the resistance of the spring furnishes the requisite tension or supporting power. The tension of the spring is controlled by means of a brake, which is regulated by a screw in the face-plate, whereby the balance may easily and conveniently be adjusted at any time to the exact weight of the sash, and give to the latter a steady or uniform motion. The suspending tape or ribbon is attached to the sash by means of a bronze loop, held in place by a screw, which should be slightly loosened and the loop unhooked whenever it may be necessary to remove the sash from the frame; and, in replacing the sash, the tightening of the same screw over the loop will secure the window as before.

The mullion, or top-balance, can be applied at the top of the frame in all windows where it may be impracticable to use the side-balance.

The balances are put up in boxes, each box containing one set of four balances for the two sashes of single window, with all the necessary screws, each sash requiring two balances. Full printed directions for setting and adjusting the balances are contained in each box.

When ordering balances, be careful to give the exact weight and height of each sash.

THE CALDWELL MANUFACTURING CO.,
288-290 STATE STREET, ROCHESTER, N.Y.



The Caldwell Sash-Balance.

A BIG CONTRACT.

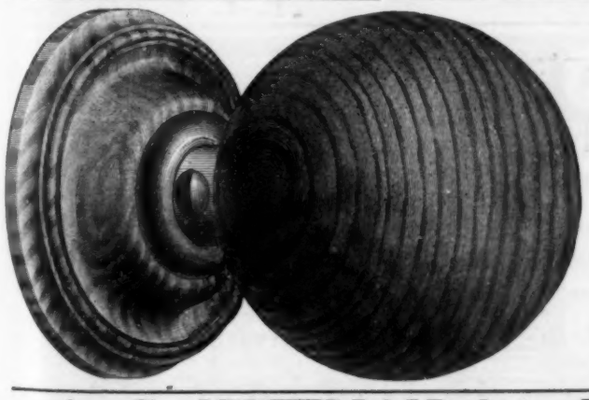
THE Whittier Machine Company have just signed the contracts for furnishing the complete elevator system, together with the boilers and the entire heating and ventilating apparatus, for the new Exchange Building about to be erected on State Street, Boston. The aggregate work represented by these and other important contracts which they have recently taken, is very large. They are about to have plans drawn for a building specially adapted to the construction of elevators, which,

MINERAL WOOL.

THE BEST THING FOR
House Lining or Pipe Covering

Insulation of Heat. Deadening of Sound. Protection Against Fire. Prevention of Spreading of Fire. Freedom from Rats, Mice, and Insects.

FRANK E. FITTS, 74 and 76 Pearl St., BOSTON.



Bardsley's Patent Wood Door Knobs.

The engraving represents No. 101 Ball Knob, a style which is meeting with great favor, as it shows up the grain of the wood nicely, and makes a handsome appearance on a door. Besides the regular woods which we carry in stock, we make them to match special trim in such woods as Antique Oak, Red Oak, Sycamore, Hazel, Birch, Bird's-Eye Maple, etc. These goods are first class in every respect, the trimmings are solid bronze; and every knob is warranted.

BARDSLEY'S PATENT CHECKING SPRING HINGES FOR DOUBLE ACTING DOORS.

They operate absolutely without noise or violence, closing the door gently and stopping it at once in its proper position.

Descriptive Price-list on application.

J. BARDSLEY,
59 Elm Street, New York.
— AND —
THE YALE & TOWNE MFG. CO., New York, Boston, Phila. & Chicago.

A. G. NEWMAN, late NEWMAN & CAPRON.

MANUFACTURERS OF
Fine Bronze Hardware, Bank, Office and Stoop Railings in Bronze or Brass. Antique Furniture-Trimmings. Electrical and Mechanical Bell-Hanging Burglar-Alarms.
Warerooms, 1180 BROADWAY. Factory, 157-163 WEST 29th STREET, NEW YORK, N. Y.

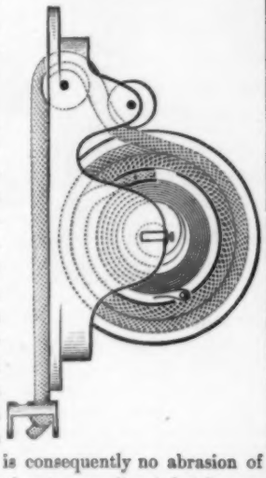
with tools expressly designed to meet the requirements of the work, will greatly increase the capacity of their works.

They have recently put into the Brigham Estate building on the corner of Portland and Causeway Streets, Boston, two horizontal steel boilers, each four feet in diameter, together with two belt freight elevators, and also constructed for the Piscataquis Falls Pulp and Paper Company of Montague, Me., a horizontal steel boiler, five feet in diameter; and have put into the building of the Boston Real Estate Trust on Lincoln Street, Boston, two belt elevators for freight service.

ROCHESTER SASH-BALANCE.

The following cut and the one on the next page represent the Rochester Sash-Balance which will prove of great value to those interested in the construction of buildings.

It consists of a hollow pulley containing a coiled steel spring, and a braided sash-cord for suspending the sash. This cord is fastened to, and winds on the pulley passing over the small wheels, as shown in sectional view. These wheels are located in such a manner that the heft of the sash, being fastened to the cord, automatically regulates the tension or lifting power of the balance. This is a great advantage over weights as the sash is always accurately balanced, even though they differ in weight.



The cord runs smoothly over the grooved wheels and at no place can it rub against the balance, there is consequently no abrasion of the cord or friction to wear it out, but in case it becomes broken by accident it can be readily replaced at any hardware store, and with very little trouble.

The advantages of the Rochester Balance are numerous. No boxes or pockets are required in the window frame, more light can be obtained in factories, etc., as the walls can be built solid against a plank frame and the room that would be required for box frames could be added to the width of the sash.

The mortise for this balance is made with a bit, and it is attached very quickly to either old or new work, and it is very little trouble in handling. It is the cheapest means for hanging window-sashes.

The Rochester Balance is meeting with great success and the company requests all architects to send for a free sample to the

ROCHESTER SASH-BALANCE CO.,
Cor. Frank & Center Streets, Rochester, N. Y.

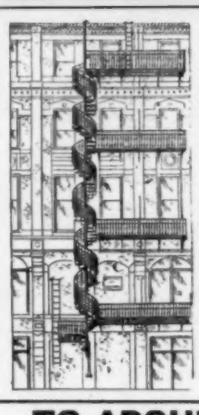
NOTES.

The Lidgerwood Manufacturing Company, New York, find a steadily increasing demand for their improved hoisting-machinery throughout the South. They have recently appointed as their Birmingham, Ala., representatives, Messrs. Milner & Kettig. They are an enterprising firm, and will doubtless meet with much success in handling this well-known line of hoisting machinery.

The interior of the new building erected by the Murphy Varnish Company, of Newark, from the plans of J. H. Lindsay, architect, has just been completed by finishing the decoration and placing the stained-glass. This work has been executed by Messrs. J. &

THE E. D. ALBRO CO.
IMPORTERS OF MAHOGANY
MANUFACTURERS OF HARDWOOD LUMBER AND VENEERS
DOMESTIC & FOREIGN OF EVERY DESCRIPTION.
FULL LINE OF SEASONED STOCK MILLS CINCINNATI, OHIO.

THE MARSHALL FIRE ESCAPE. (Patented.)



ESTABLISHED 1818.
MARSHALL BROTHERS,
Iron City Elevator Works
69 TO 75 DIAMOND ST., PITTSBURGH, PA.
The Marshall Positive Safety Passenger and Freight
ELEVATORS,
Hydraulic, Steam, Electric and Hand-Power.
SPIRAL STAIRWAY FIRE ESCAPES, WITH and WITHOUT STAND-PIPE,
For Asylums, Hotels, Schools and Public Buildings.
SEND FOR CIRCULAR.

TO ARCHITECTS AND CONTRACTORS:
We desire to call your attention to the Superior quality of **Plate Glass manufactured by the**
PITTSBURGH PLATE GLASS CO.
The Largest Plates of Glass in buildings in the cities of Chicago, Cleveland, Detroit, St. Paul, Syracuse, Pittsburgh, Philadelphia, Baltimore, and many New York buildings, were manufactured by our Company.
The only fuel used throughout both our works is **Natural Gas**; which, owing to its superior heating power and cleanliness, enables us to produce an article which **cannot be surpassed,** besides glass melted and annealed by our process with this gas, is far more durable and not so liable to break.
We make a specialty of three-sixteenths thickness for fine residences, also extra large sizes, wide and long plates for store fronts, beveled and obscured plates, skylight and floor glass.
With a capacity of 200,000 square feet monthly, we are prepared to execute all orders promptly, and invite correspondence.
WORKS No. 1, CREIGHTON, PA.
WORKS No. 2, TARENTUM, PA.
Western Union Wire and Telephone connection in General Office at Creighton, Pa.
E. L. FORD, Sec.

COMPOUND Condensing or Non-Condensing.
16 SIZES, 5 to 500 H. P.
Not yet equaled by any form of Engine for
HIGH FUEL DUTY AND SIMPLICITY.
STANDARD 13 Sizes in Stock. 5 to 250 H. P.
3000 in use in all parts of the Civilized World.
JUNIOR 6 Sizes in Stock, 5 to 50 H. P.
An Automatic Engine cheaper than a Slide Valve.
WELL BUILT. ECONOMICAL. RELIABLE.
Over 300 Sold the First Year.
All the above built strictly to Gauge with
INTERCHANGEABLE PARTS.
REPAIRS CARRIED IN STOCK.
SEND FOR ILLUSTRATED CATALOGUES.
WESTINGHOUSE ENGINES
The Westinghouse Machine Co.
PITTSBURGH, PA. U.S.A.
SELLING DEPARTMENT IN THE UNITED STATES.
New York, 17 Cortlandt St.
Boston, Hathaway Building.
Pittsburgh, Westinghouse Build'g.
Chicago, 156, 158 Lake St.
} Westinghouse, Church, Kerr & Co.
Philadelphia, 603 Chestnut St. H. R. Mackle, Jr. & Co.
St. Louis, 302, 304 Washington Av.
Kansas City, 312 Union Avenue,
Denver, 1330 Seventeenth St.
} Fairbanks & Co.
Omaha, 1619 Capitol Avenue, F. C. Ayer.
Pine Bluffs, Ark. Geo. M. Dilley & Sons.
Salt Lake City, 259 S. Main St.
Butte, Mont. 2 Granite St.
} Utah & Montana Machinery Co.
San Francisco, 21, 23 Fremont Street, Parke & Lacy Co.
Portland, Or. 33, 35 N. Front St. Parke & Lacy Mch. Co.
Charlotte, N. C. 36 College St.
Atlanta, Ga. 45 S. Prior St.
} The D. A. Tompkins Co.
Dallas, Tex. Keating Imp. & Machine Co.
Chattanooga, Tenn., C. E. James & Co.

R. Lamb, of New York, the color scheme having been carried out by Mr. F. S. Lamb. The glass has been done in Venetian and Opalescent, the general treatment being a rich arrangement of delicate tones of color and jewelled work. The most elaborate part of the work is in the President's office, and in the large staircase window. In the latter the date of the establishment of the Company and the monogram of the firm have been artistically introduced in connection with ribbons and foliated work.

THE Whittier Machine Company have recently constructed for the Charleston Cotton-Mills of Charleston, S. C., two horizontal steel-boilers each six feet in diameter, and also a belt freight elevator; have also put into the residence of Mr. Franklin Haven, on Mt. Vernon Street, Boston, a plunger elevator for passenger service.

THE E. D. Albro Co., Cincinnati, O., manufacturers of veneers and thin lumber, report: "We have a steady demand this season for our products. Builders and contractors appreciate well-seasoned lumber for inside finish, and the quartered sawed oak and light-colored woods are being more called for. We have a full line of all kinds, including white walnut (called butternut), cherry, quartered-oak, white maple, white ash and mahogany. Prima Vera, or white mahogany, is coming rapidly into favor. This is of a beautiful light-gold color, and finished like satinwood, which gives a warmth and tone unexcelled by any other woods. They have a full stock of hard woods of all thicknesses and kinds."

THE ingenuity of the advertiser is a matter of perennial interest and many a laugh is caused by some ludicrous conceit which has paid its own way by catching the attention for a moment. Some devices gain their point by serving as a useful utensil which keeps the advertiser's name constantly before a special public. This end has been attained by the Barstow Stove Company of Providence, who have sent out to architects as a reminder a useful little pencil sharpener.

BUILDING INTELLIGENCE.

Reported for the American Architect and Building News.

HOUSES.

Philadelphia, Pa.—*Washington La.*, n e cor. Reading R. R., three-st'y stone dwell. and addition to barn; owner, W. R. Brown, 2145 Dickinson St.

Leidy St., w s, n Willow Grove Ave., three-st'y brick dwell.; owner, Michael Hagerty, hotel, Main St., Chestnut Hill.

North Thirty-ninth St., No. 104, two-st'y brick dwell.; owner, Frank H. Souden, 3907 Aspen St.

Chew St., n s, e Chelten Ave., 2 three-st'y brick dwells.; owner, James Morris, Chelten Ave., Germantown.

Chew St., s w s, 4 three-st'y brick dwells.; owner, Oliver P. Fisher, Hermit and Hancock Sts., Germantown.

Beacon St., s s, bet. Tulip and Memphis Sts., 3 two-st'y brick dwells.; owner, James Macaulay & Sons, 1328 East Montgomery Ave.

Mascher St., e s, n Berks St., 25 two-st'y brick dwells.; owner, George Kessler, 1332 Marshall St.

Callowhill St., Nos. 2532-2534-2536, 3 two-st'y brick dwells.; owners, Patrick & Lipsett, 1523 Callowhill St.

Tackawanna St., s s, bet. Plumb and Margaretta Sts., two-st'y brick dwell., with 16' of frame back; owner, Joseph P. Yerkes, 4323 Frankford Ave.

Sixty-three-and-one-half St., w s, bet. Vine and Callowhill Sts., one three and 3 two st'y buildings; builder, R. D. Murphy, Sixty-fourth and Callowhill Sts.

Twenty-ninth St., w s, ab. Ridge Ave., 2 three-st'y brick dwells.; owner, T. H. Helms, 2345 North Twenty-seventh St.

South Broad St., Nos. 1609-1611, 2 three-st'y brick dwells.; owner, Edward Kelley, 762 South Ninth St.

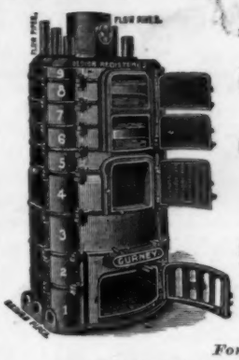
Tasker St., n s, e Seventh St., 5 two-st'y brick dwells.; contractor, F. H. Markley, 3536 Fairview Ave.

Waterloo St., e s, n Berks St., 26 two-st'y brick dwells.; owners, Eldridge & Stewart, American and Diamond Sts.

Howard St., w s, 20 two-st'y brick dwells., two with stores; owners, Eldridge & Stewart, American and Diamond Sts.

Jefferson St., s s, w s Fourth St., 7 two-st'y brick dwells.; owner, George W. Hancock, 408 Lancaster Ave.

—GURNEY—
HOT WATER HEATER.



More extensively used and with better results than any other Hot Water Heater.
Conclusively demonstrating that

HORIZONTAL HEATING SURFACE

is infinitely more effective than Vertical Surface.

Gold Medal Boston,--1887, - - - - -
- - - Highest Award New York,--1887,
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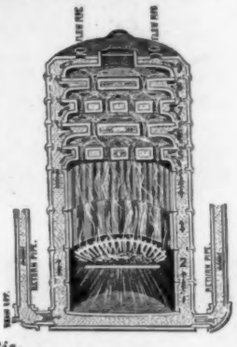

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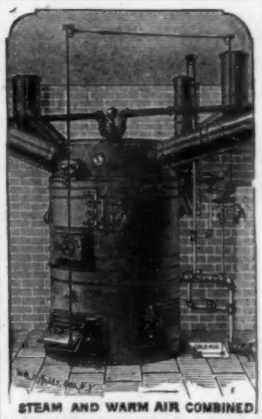

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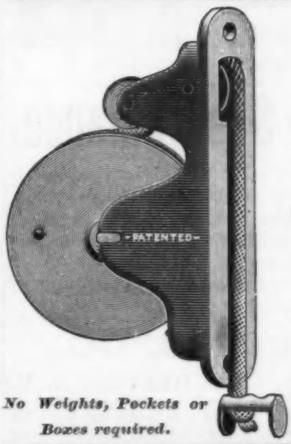

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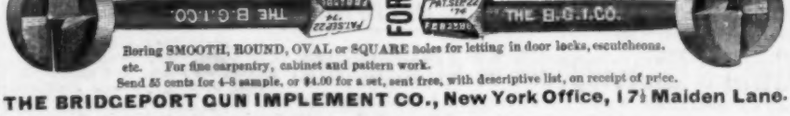

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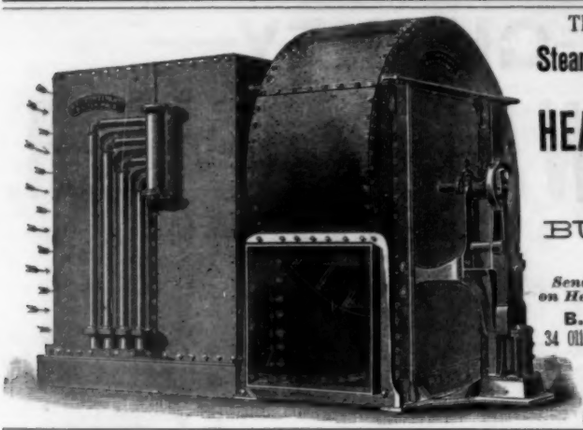

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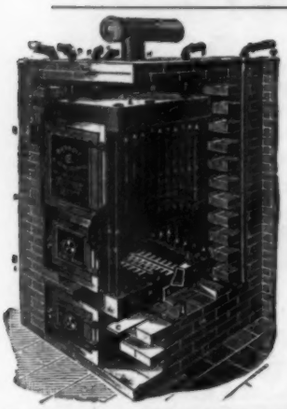

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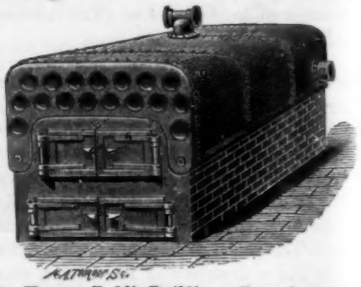

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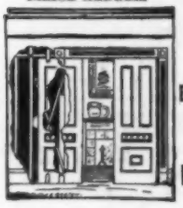

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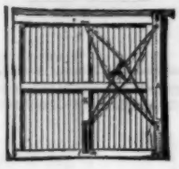

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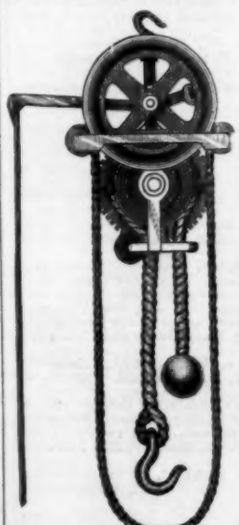

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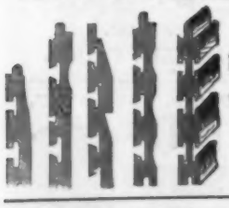

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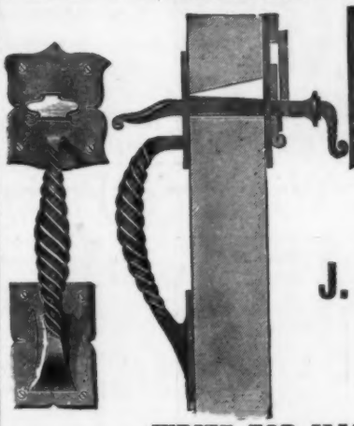

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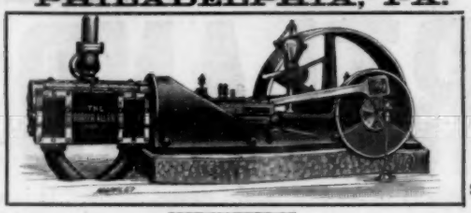

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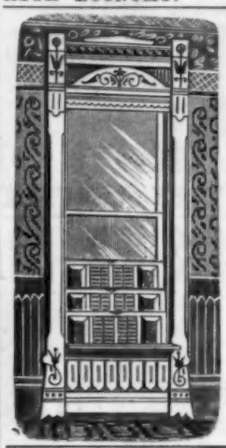

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No. 84. SATURDAY, JUNE 1, 1889. Volume XXV. No. 701.

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Recognizing the demand, which is apparently universal, for a direct Radiator for Steam and Hot-water Heating, which shall be more perfect as regards construction and design than anything hitherto manufactured, we desire to call attention to the "Perfection" Radiator.

After thoroughly investigating all the radiators now in the market, and obtaining reports from experts and consumers in all sections of the country, we have endeavored to produce an article that is superior to all its predecessors, both in appearance and construction.

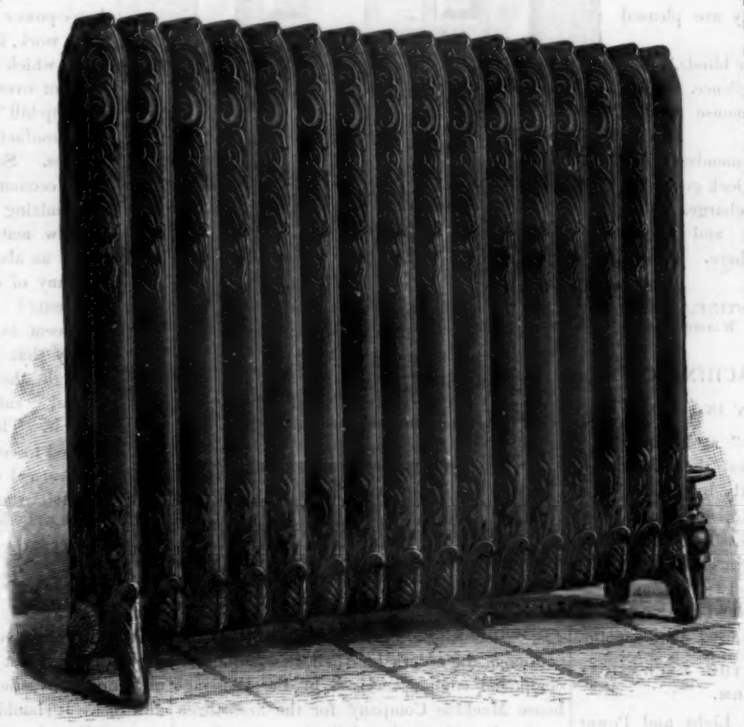
Our new radiators are manufactured in plain or ornamental style, as preferred, and we have aimed to produce a design upon the ornamental loop which is appropriate and in perfect accordance with the most advanced ideas of artistic decoration of iron surfaces, at the same time avoiding all appearance of clumsiness and harshness of outline.

In entirely dispensing with all forms of removable tops, we think we have made a long stride in the line of improvement. A removable top seems to us to be quite unnecessary, and, if put upon a radiator which has no projecting base, it is architecturally incorrect, and gives the radiator a top-heavy appearance. It is very liable to be broken, and obstructs the free circulation of air through the radiator. It also collects dust and dirt and causes the currents of warm air to impinge against the walls, producing unsightly discolorations. It makes the radiator appear too prominent and bulky as compared with its surroundings. It does not increase the efficiency of the radiator, and we cannot see wherein it is of any possible good except to hide the clumsy joints of poorly constructed radiators; hence our reason for discarding this form.

Our design for the upper portion of the radiator embraces all that is required. It has a graceful finish. It has a flat top. It will not break. It will not accumulate dirt. The decoration of the upper and lower portions of the radiator are in perfect harmony, as may be observed by examining the cut.

The result of our efforts is that we have produced a radiator which is architecturally correct and in perfect taste artistically.

Our improved construction secures free, unobstructed and large openings for the passage of steam and water. The loops have the full areas of heating-surface which we claim for them, and our castings are as perfect as the finest irons and the best workmen can make them.



The "Perfection" Steam Radiator.

The loops of our hot-water radiators are screwed together top and bottom with right and left nipples made of steel, and by this process the loops are drawn tightly together and held firmly in place, the face of each loop at point of contact being milled perfectly smooth and true. No packed joints are used, nor joints of any kind which require bolts or rods to hold the loops together. The screwed nipple we use makes a permanent joint, and the longer it is in place the tighter it becomes. The loops of our steam-radiators are connected at the bottom only with the same style of nipple as above described for hot-water radiators.

The supply and return openings are adaptable to any of the different systems of piping now in use. We have erected an entirely new plant for the exclusive manufacture of radiators, equipped it with the most perfect special machinery obtainable, and have at present a capacity for producing 10,000 feet of radiation daily. Any letters of inquiry or other communications with which we may be favored will receive our prompt and careful attention, and we shall be pleased to quote terms for large or small quantities.

MICHIGAN RADIATOR & IRON MANUFACTURING CO.,
Detroit, Mich.

A POPULAR WINDOW-BLIND.

The Hartman Patent Sliding Window-Blind, advertised on another page of this issue, is rapidly growing into public favor, and has already gained a widespread reputation such as no other blind of the kind has attained.

One of the important features connected with it is its *Burglar-Proof Lock*, which comes attached with each set of blinds *free of charge*. This is an advantage that no other blind in the market has; and in these days of house-burglary and robbing, it is an item of no small consideration, and may save the owner and home many times the cost of the blind, and, perhaps, life also. Reader, if you are building, you cannot afford to use any other blinds. They have many other advantages over all other blinds, which, for want of space, we cannot enumerate. The highest recommendation they can have is the unprecedented and constantly increasing demand for them by architects, builders and the

public, so that each yearly output for the past few years, doubles that of the former year, and judging from present prospects, the fourth year since their invention, will double again the output of last year.

The cut represents the "Novelty Style" of the blinds, which is a modification which has certain conveniences that are often preferred to the common styles. In this the blind-sections are made in the usual manner. But the inside divisions of the lower section is made to swing on hinges, so as to open and shut at pleasure, while, at the same time, the section slides up and down in connection with the other sections.

Five patents have already been issued, while three more applications for important improvements are now pending in the United States Patent Office.

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Dr. D. H. Howell, M. D., of Atlanta, Ga., writes to a friend as follows, dated May 7, 1889: "Having used the Hartman inside sliding-blinds in my new residence, I consider them the best blind of the kind on the market."

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"I would have no other blinds."

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If you are building, remember it has no equal, a burglar-proof lock goes with each set of blinds free of charge. Send for illustrated catalogue and prices. Agents wanted everywhere. States rights for sale. Address

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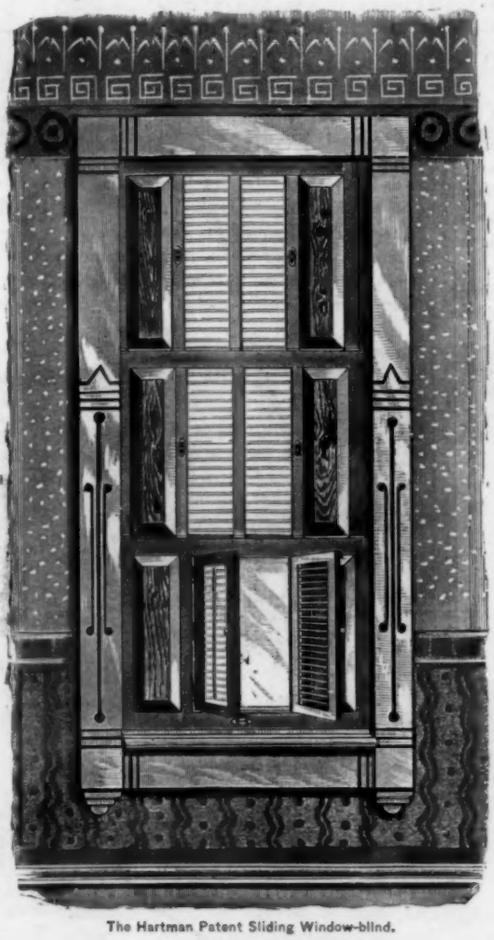

The Hartman Patent Sliding Window-blind.

WESTINGHOUSE MACHINE CO.

AMERICAN MACHINERY IN SPAIN.

The great "Tarzuela" at Madrid, Spain, which is the largest theatre in the kingdom, has recently introduced a complete installation of electric-lighting, under the supervision of Mr. L. Delannoy, mechanical engineer, of Barcelona; a 12 and 20 x 12 Westinghouse Automatic Compound Engine, built at Pittsburgh, being used as the motor.

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The Spanish-American Light and Power Company of Havana, Cuba, have completed their new plant, which is now in very successful operation. The power consists of one 13 and 22 x 13 (125 horse-power) and one 10 and 18 x 10 (65 horse-power) Westinghouse Automatic Compound Engines.

INCREASING ITS CAPACITY.

The Westinghouse Machine Company of Pittsburgh, Pa., is fitting up a new machine-shop, for large work, on the east side of Twenty-fifth Street and Liberty Avenue. A very large new planer, by William Sellers & Co., is already erected and in operation, and a large new cylinder boring-machine, of special design, by the Pond Machine Tool Company, is now in process of construction, with the delivery promised for June 1. Other large tools will be added. The new shop is rendered necessary by the company's heavy run of orders for large compound engines.

A PROSPEROUS MONTH.

Although the month of May, 1889, will not go down into history as an unusually prosperous one, from a business standpoint, the Westinghouse Machine Company report orders received for the first twenty-one days of the month as follows: Westinghouse Automatic Compound Engines, 17 (1,885 horse-power); Westinghouse Standard Automatic Engines, 19 (745 horse-power); Junior Automatic Engines, 30 (745 horse-power); 21 days' totals, 66 (3,375 horse-power).

If the remaining ten days of the month show the same ratio, this will prove to be a very prosperous month in the company's history.

ORDERS FOR COMPOUND ENGINES.

Among the orders for their new automatic compound engines received by the Westinghouse Machine Company for the first three weeks in May, the following prominent buyers may be mentioned: Baldwin Locomotive Works, Philadelphia, Pa., one 200 horse-power; Southern Cotton Oil Company, Memphis, Tenn., one 250 horse-power and one 200 horse-power; Omaha & Council Bluffs Railway and Bridge Company, Omaha, Neb., three 200 horse-power; L. Delannoy, Barcelona, Spain (for Clariana, Ciuro, Pubeonat & Co.), one 35 horse-power; Electric Improvement Company, San Francisco, Cal., one 80 horse-power and one 35 horse-power; Pennsylvania Institute for Feeble-Minded Children, Elwyn, Pa., one 50 horse-power and one 35 horse-power.

SUCCESS IN MANUFACTURING.

The question has often been asked: Why does one man succeed in business and another man fail? If one has a due regard for history, it would perhaps be nearer the truth to ask: Why do three men succeed in business and ninety-seven fail? In so far as the manufacturing business is concerned, the agents of the Westinghouse Machine Company have recently been making some investigations that at least afford a clew to the answer. In order to obtain statistics for use in their catalogues, this company sent experts, fully equipped with the necessary instruments, to visit a number of the most prominent manufacturing establishments in the country, where permission was asked to test the consumption of power by each machine. As a rule, this was readily obtained from the owners, they seeming much interested in the results. It is only necessary to indicate a few of the results obtained to make clear the point aimed at. Nearly all were wasting one-half ($\frac{1}{2}$) of their engine's power (or one-half of the daily consumption of fuel) before commencing actual work, the product from which constituted the maintenance of the business. One prominent establishment was wasting sixty-five (65) per cent of its fuel and power; another was wasting seventy-three (73) per cent, thus leaving only twenty-seven (27) per cent of the engine's power to earn money with. Another celebrated firm (known all over the West) was using a 60 horse-power engine, of which 55 horse-power was being consumed in dead work, thus leaving 5 horse-power with which to produce goods for sale without overtaxing the engine. It is an "up-hill" business to make money in manufacturing under such circumstances. Sensible people should be more economical. What is the use of economizing in wages and in the cost of raw materials when such reckless waste as above indicated is permitted in many of our most prominent establishments? Few people in this country seem to realize the amount of money that can be wasted in a year through the steam-pipe. The proverbial "rat-hole" will not compare with it. The manufacturer who has learned to economize at the steam-pipe has learned one of the most important secrets of success.

WESTINGHOUSE MACHINE CO.,
PITTSBURGH, PA.

DIXON'S SILICA-GRAPHITE PAINT.

A paint to give satisfaction should be a protection against heat, cold, the changes of temperature, the wear and tear of storms, and rust. It should be durable, easily laid on, cover well, and economical.

Graphite and Silica stand equally well extreme cold and the changes of temperature; they cannot be touched by rust, and both are a sure protection against the influence of a salt atmosphere.

Graphite is very light. One pound of Graphite is three times the bulk of one pound of white lead, and twice the bulk of mineral paints; hence in use we guarantee Dixon's Graphite Paint to cover fully twice the surface of white lead or mineral paints.

The natural color is a slate, but we can furnish it in all shades from a slate to a jet black, suitable for regular surface painting or trimmings for houses, out-buildings, metal or shingle roofs, bridges, locomotive work,

agricultural implements, and, in short, all exposed wood or metal surfaces needing a durable and economical paint.

Graphite is one of the forms of carbon. It is healthful in itself and, as it is unaffected by contact with any known substance, it suffers no chemical change and remains always the same. All the ingredients of Dixon's Graphite Paint are harmless. Painters will suffer no cramp or colic in using it, and cistern-water gathered from roofs painted with this paint will be perfectly pure.

A tin or metal roof painted two good coats, with a third coat put on the following year, will not need repainting for fifteen years unless worn by walking on or otherwise abused.

There appears to be no limit to the time that a tin roof will last if it is protected from atmospheric action by means of paint, and is not worn or injured by walking on or other causes. Testimonials we have received show that tin roofs painted with Dixon's Graphite Paint have not only lasted fifteen years without repainting, but required originally only from one to two-thirds as much paint.

Iron has a tendency to oxidize from the moment it leaves the hammer or rolls, and should be painted to protect it from the rust which attacks the metal and soon destroys it.

Bituminous paints, as well as those containing variable quantities of lead, were formerly considered the best, but their failure has been made apparent when the structures to which they were applied have been of sufficient size to be subject to the many changes of the weather as well as constant vibration. Dixon's Graphite Paint has been found, by careful and practical tests, to be peculiarly suited for iron work.

In 1884 the Trenton City Bridge Company painted their bridge (1275 feet long) across the Delaware River with Dixon's Graphite Paint, and inspection now (1888) shows that after four years' wear the paint is as good as the day it was put on.

For metal roofs, bridges, locomotive work, agricultural implements, and, in short, all exposed metal surfaces needing a durable and economical paint, nothing can be found that will begin to equal Dixon's Graphite Paint.

For house-trimmings, out-buildings, shingle roofs, boats, wooden bridges, agricultural implements, fences, etc., Dixon's Graphite Paint is the best that can be used, for less paint is required, and it is almost everlasting.

It is prepared thick, ground in oil, about the consistency of a stiff paste, in 10, 25, 50, and 100 pound packages, and in barrels of about 450 pounds, or thinned, ready mixed for the brush, in 5, 10, and 25 gallon packages, and in barrels of from 40 to 50 gallons.

JOSEPH DIXON CRUCIBLE COMPANY,
JERSEY CITY, N. J.

A LARGE number of Catholic schools on Staten Island, N. Y., have been plastered with King's Windsor Cement, and we are informed more will soon be plastered with the same material.

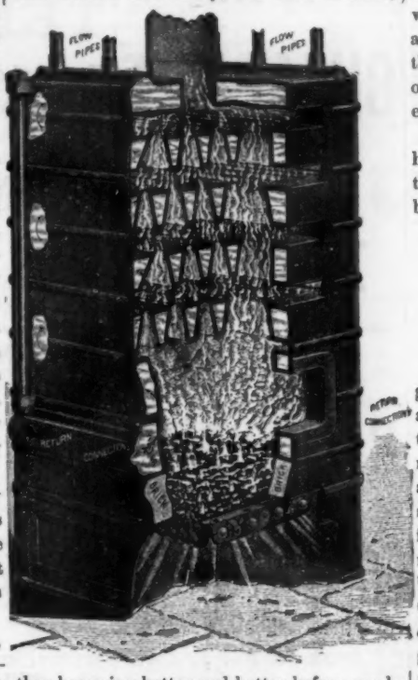
The office of J. B. King & Co., the manufacturers, is at 24 State Street, New York. The plastering department is in charge of Mr. Lovell H. Carr.

"PERFECT" HOT-WATER HEATERS.

WE show herewith an illustration of the "Perfect" Hot-Water Boilers. These boilers are becoming very popular throughout the country, from the fact that they have the enormous heating capacity which experience has found to be absolutely necessary. They are made with special reference to heating water quickly and economically; and at the same time, are so constructed as to create a quick, positive circulation, which is an absolute necessity in heating by hot-water circulation. They are pronounced by the most experienced experts in the country as having more power, size for size, and being far in advance of any hot-water heater hitherto made.

First, they present two and one-half times more surface to the direct action of the fire than any boiler made, size for size. This surface is designated and parties can intelligently ascertain the amount of capacity each boiler has.

Second, the construction of the heater is such that each particle of the water is compelled to pass around and over the fire seven different times in its natural course through each section alternately, one after another,



thus becoming hotter and hotter before reaching the mains, a result not heretofore accomplished; consequently the upper sections of our boiler are the hottest, showing by actual fact that instead of the lower sections doing all the work, each and every section is doing its share, and the water is raised in temperature on its way upward to the mains. No other boiler is made producing this same important result, as the majority of boilers are constructed so that the water virtually passes only once over the fire and then into the direct water columns, thus passing off to the mains. Whereas in the "Perfect" Boilers the water in the lower section has to pass to the next section above, and then through the third section, and so on up to the mains. The result is great power with an economical use of fuel.

Third, with the "Perfect" Heaters the formation of steam and the stoppage of circulation is an utter impossibility, as their construction compels the water to flow in a natural manner through each of the water sections, which are each exposed to the fire, giving a quick, positive circulation which is unprecedented, and compelling the water, when leaving the boiler, to leave it hot. The great difficulty heretofore in ordinary Hot-Water Boilers has been their slow, sluggish circulation. The "Perfect" Boilers work to the contrary. The circulation is rapid and discharges the heat effectually, and universally give the best of satisfaction.

Fourth, the enormous fire-surface which each section exposes to the direct action of the fire, produces great heating results. Eighty-five per cent of the square feet of boiler surface is direct fire-surface, and fifteen per cent is flue-surface, which gives us two and one-half times more fire-surface than any boiler yet constructed, size for size.

These boilers have been used, giving excellent satisfaction, as will be seen by the testimonials which will be sent at request and we respectfully call attention to these popular "Perfect" Heaters of all who are desirous of obtaining a powerful Hot-Water Boiler for heating purposes.

By sending us a rough sketch of the first and second stories of a house, giving size and height of rooms and halls, designating those which are to be heated, and marking which way is north, we can intelligently advise as to the proper size required to heat the house in cold weather; and give also any other information relative to piping radiators, etc.

These heaters are adapted for burning hard or soft coal, or natural-gas. Owing to their construction any of the above fuels can be used with equal success.

RICHARDSON & BOYNTON CO.,
232 & 234 WATER STREET, NEW YORK, N. Y.

METAL INTERESTS.

THE rapid progress made in artistic metal goods during the past ten years can only be appreciated by a visit to the show-rooms of the large manufacturers. Specially prominent can be mentioned the industry of gas and electric fixtures. A visit to the spacious show-rooms of the Archer & Pancoast Manufacturing Company, whose principal warerooms are at 900 Broadway, New York, with branch stores at 270 and 272 Wabash Avenue, Chicago, and 12 West Street, Boston, will disclose pretty much everything that inventive genius and mechanical skill have been able to produce in the way of artistic illuminating apparatus, while the assortment of fine metal-work is unsurpassed in any city in the world. Here an observer will note that every detail of the architect and interior decorator has been followed, so that harmony may reign supreme when the house is finished.

The illuminating fixtures of to-day are designed with a view of furnishing interiors, be they for gas, electric-light or both combined; these fixtures are made of bronze, and finished in many different colors to suit each particular case. Cast-iron is wrought into many curious shapes for illuminating fixtures, its most expensive treatment, being polished.

The magnitude of the above-mentioned company can only be realized by a tour through their factory at Thirty-third Street and First Avenue, New York, where are employed one thousand skilled workmen, under the experienced supervision of Mr. Chas. H. Fischer.

ARCHER & PANCOAST MFG. CO.,
898-900 BROADWAY, NEW YORK, N. Y.

THE well-known maker of pumping machinery, Henry R. Worthington, has just opened a branch office at 338 Sibley Street, St. Paul, Minn. This is an addition to offices at New York, Boston, Philadelphia, Chicago, St. Louis and San Francisco.

NOTES.

The Whittier Machine Company have recently constructed for Messrs. F. W. Bird & Son, of East Walpole, Mass., two horizontal steel-boilers, each six feet in diameter.

Mr. John Williams, who is one of the most earnest promoters of the modern revival of artistic wrought metal-work, has removed his establishment to 544–556 West Twenty-seventh Street, New York, N. Y.

Mr. George Westinghouse is having his summer residence at Lenox, Mass., plastered with King's Windsor Cement. Mr. H. Dodge of Pittsfield, the contractor, reports that he never saw finer plastering.

On May 1, 1889, the firm of C. A. Blessing & Co., of New York, was dissolved by mutual consent. The business in plumbing goods of the above firm will be continued by George A. Blessing and Henry Stein, Jr., at 52 Cliff St., under the name George A. Blessing & Co.

Dr. Meredith's new church in Brooklyn, one of the largest churches in that city, is plastered with King's Windsor Cement, and is worthy the attention of architects and builders.

The N. Y. C. & H. R. R. R., have given King's Windsor Cement for plastering walls and ceilings, a severe test, with the result of which they were so well pleased, that John D. Fouquet, the head architect has given J. B. King & Co., a very strong letter recommending it to all who want first-class plastering.

The new station of the New York and Northern R. R. at Yonkers, N. Y., has just been plastered with King's Windsor Cement, and is worthy of the attention of all in that vicinity who contemplate building. Mr. George Edward Harding, 40 Exchange Place, New York, Architect, and Mr. Perry, Contractor.

We have had the pleasure of viewing an exhibition of Mr. Wm. Scott Morton's Tynecastle Modelled Canvas, in a private room of Messrs. W. & J. Sloane's premises in New York, and are glad to be informed that the Tynecastle Company intends in the fall to open an office in that city where a permanent display of that highly artistic material will always be on view for the convenience of architects and decorators.

It may interest engineers and architects to know that Twenty-four Inch Steel Beams are now made in America.

The announcement is made that we have successfully rolled this size.

We inform our friends and customers that we have a stock of Twenty-four Inch Steel Beams on hand.

The lightest section weighs 80, the heaviest 100 pounds per foot.

Correspondence solicited.

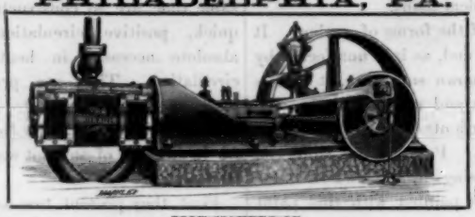
CARNEGIE, PHIPPS & CO., LIMITED.

Messrs W. D. Allen & Company, Chicago, who represent the New York Belting and Packing Company, New York, in that city, have just issued a new and attractive catalogue, containing full description of their large line of vulcanized rubber goods. The cover, which is of a good quality of paper, is of a buff tint, and printed in red and bronze; a view of the Company's warehouse and salesrooms, 151 Lake Street, being shown on the back. It is a pamphlet of forty pages, profusely illustrated, typographically correct in every particular, and great care and much labor has evidently been bestowed in its preparation and production. Its perusal cannot fail to be of benefit to those interested in the line of goods which Messrs. W. D. Allen & Company handle.

Southwark Foundry and Machine Company,

PHILADELPHIA, PA.

BOILERS. TANKS. STEAM HAMMERS. HEAVY CASTINGS.



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SOLE MAKERS OF

Porter-Allen Automatic Engine.

HIGH ECONOMY. DURABILITY. CLOSE REGULATION.

THE BEST IS THE CHEAPEST IN THE END

This especially applies to a roof and what it is Covered with.

"OLNEY" TERNEPLATES

Have the heaviest coating possible, retaining all the Metal the sheet will hold.

FOR SALE ONLY BY

WM. Q. WALES,

Dealer in Tinplates, Sheet Irons, Sheet Zinc, etc.

26 Oliver Street, BOSTON, MASS.

TO ARCHITECTS AND CONTRACTORS:

We desire to call your attention to the Superior quality of **Plate Glass manufactured by the**

PITTSBURGH PLATE GLASS CO.

The Largest Plates of Glass in buildings in the cities of Chicago, Cleveland, Detroit, St. Paul, Syracuse, Pittsburgh, Philadelphia, Baltimore, and many New York buildings, were manufactured by our Company.

The only fuel used throughout both our works is **Natural Gas**; which, owing to its superior heating power and cleanliness, enables us to produce an article which **cannot be surpassed,** besides glass melted and annealed by our process with this gas, is far more durable and not so liable to break.

We make a specialty of three-sixteenths thickness for fine residences, also extra large sizes, wide and long plates for store fronts, beveled and obscured plates, skylight and floor glass.

With a capacity of 260,000 square feet monthly, we are prepared to execute all orders promptly, and invite correspondence.

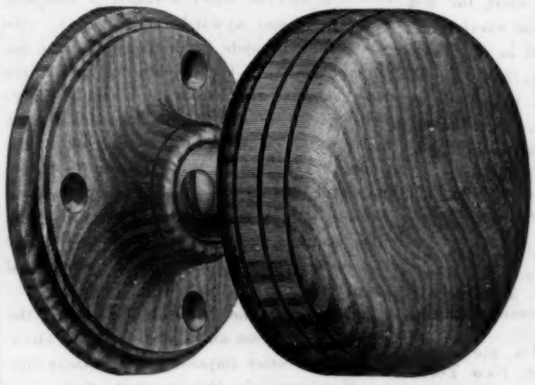
WORKS No. 1, CREIGHTON, PA.

WORKS No. 2, TARENTUM, PA.

Western Union Wire and Telephone connection in General Office at Creighton, Pa.

E. L. FORD, Sec.

Bardsley's Patent Wood Door Knobs.



The most desirable medium priced KNOBS in the market. Handsome in appearance, beautifully and durably finished, and pleasant to the hand. Every Knob warranted not to come loose or give out in any way. Besides the regular woods which we carry in stock, we make them to match special trim in such woods as Sycamore, Hazel, Birch, Whitewood, Yellow Pine, etc,

The engraving represents No. 116 Knob, list price, **$6.50 per dozen pairs.** We also have Door Stops and Shutter Knobs, hand-turned and polished to match the Door Knobs, which cost but little more than the common goods.

Price List on application.

J. BARDSLEY, 59 Elm St, New York,

—AND—

The Yale & Towne M'f'g Co., NEW YORK, BOSTON, PHILADELPHIA AND CHICAGO.

A. G. NEWMAN, late NEWMAN & CAPRON.

MANUFACTURERS OF

Fine Bronze Hardware, Bank, Office and Stoop Railings in Bronze or Brass. Antique Furniture-Trimmings. Electrical and Mechanical Bell-Hanging Burglar-Alarms.

Warerooms, 1180 BROADWAY. Factory, 157-163 WEST 29th STREET, NEW YORK, N. Y.

DYCKERHOFF
PORTLAND CEMENT

Is superior to any other Portland Cement made. It is very finely ground, always uniform and reliable, and of such extraordinary strength that it will permit the addition of 25 per cent more sand, etc., than other well-known brands, and produce the most durable work. It is therefore the most economical to use. 8,000 barrels have been used in the foundations of the Statue of Liberty. Architects and those interested in Portland Cement will please send for my pamphlet, which will be mailed free on application. It contains valuable directions for the employment of Portland Cement, a table of results of the strength of the Dyckerhoff Cement when mixed with sand and broken stone in various proportions, together with tests and testimonials of eminent Engineers, Architects and Consumers.

E. THIELE, 78 William St., New York.
SOLE AGENT FOR THE UNITED STATES.

INVALUABLE TO ARCHITECTS.

Safe Building.

BY LOUIS De COPPET BERG.

Series I. Square 8vo. Illustrated with numerous formulæ, diagrams and tables. . $5.00

"The author proposes to furnish to any earnest student the opportunity to acquire, so far as books will teach, the knowledge necessary to erect *safely* any building. First comes an introductory chapter on the Strength of Materials. This chapter gives the value of, and explains briefly, the different terms used, such as stress, strain, factor-of-safety, centre of gravity, neutral axis, moment of inertia, etc. There follows a series of chapters, each dealing with some part of a building, giving practical advice and numerous calculations of strength; for instance, chapters on foundations, walls and piers, columns, beams, roof and other trusses, spires, masonry, girders, inverted and floor-arches, sidewalks, stairs, chimneys, etc."

These papers are the work of a practising architect, and not of a mere bookmaker or theorist, Mr. Berg, aiming to make his work of the greatest value to the largest number, has confined himself in his mathematical demonstrations to the use of arithmetic, algebra, and plane geometry. In short these papers are in the highest sense practical and valuable.

TICKNOR AND COMPANY, Boston.

Electrical House Furnishings.
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Sole Proprietors of the Mines of Seyssel.

E. H. WOOTTON, 35 Broadway, N.Y.
General Agent for the United States and Canada, and Importer of Bitumen Damp-Course.

STAR ENCAUSTIC TILE COMPANY, (Limited),

Manufacturers of Superior Gas-Burned Plain and Encaustic **FLOORING TILE**, for Hearths and Floors in Banks, Hotels, Depots, etc. Natural Gas the only Fuel Used.

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BRACE HANGER.

TRUSS HANGERS

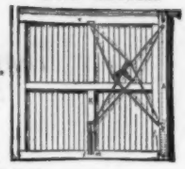
For Barns, Warehouses, Freight Stations, etc.

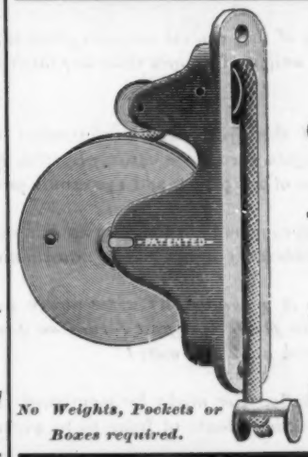
BRACE HANGERS, concealed from view, for PARLOR DOORS.

No Rolls or Track. Hangers for Elevator Doors a Specialty. Send for Circular.

PRESCOTT HARDWARE MANUFACTURING CO.
108-110 Randolph St., Chicago, Ill.

TRUSS HANGER.





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CHEAPEST

Means for Hanging Window Sash.

The ROCHESTER SASH BALANCE

Works better than Weights.

Heft of the Sash automatically Regulates the lifting power of the Balance.

Sample sent free to all Architects on application.

No Weights, Pockets or Boxes required.

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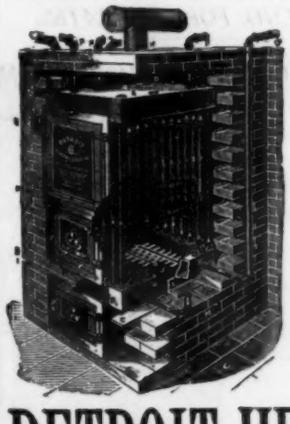

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HOT WATER HEATER

(BOLTON'S PATENT)

For Heating Public and Private Buildings by Hot Water Circulation.

THE COMBINATION

GAS MACHINE

For Lighting all kinds of Buildings and for Furnishing Fuel Gas for Manufacturing Purposes.

IDEAL GAS STOVES.

WEBER STRAIGHT WAY VALVES.

DETROIT HEATING & LIGHTING CO.

Factory and Home Office, Detroit, Mich. Branch Office, 87 Dearborn St., Chicago.

The MARR CONSTRUCTION COMPANY

ome representative electric light plants erected by The Marr Construction Company, showing an important variety of conditions and difficulties successfully overcome:

HOOSAC TUNNEL. The lighting of this the longest tunnel in the country (4¼ miles) has for years been regarded as an impossibility. It has now (March, 1889) been successfully completed and contains 1,250 16 candle incandescent lamps.

CHICAGO, ILL. A central station with an ultimate capacity of 40,000 lamps. All the wires being underground. A marvel of compactness, both in steam and electrical completeness. The light has not been stopped an hour since the dynamos were started.

UNITED STATES SENATE. An isolated plant of 1,300 16 candle power lamps operated on the alternating system. It is remarkable on account of the completeness of the inside (concealed) wiring, the admirable distribution of light, and the economy of its operation.

JUIZ DE FORA, BRAZIL, S. A. This plant is operated by water-power, the "feeder" lines being of great length. The station is 4 miles distant from centre of distribution of lights, and shows what can be accomplished by even a distant water-power.

NEW ORLEANS, LA. The peculiarity of this central station system is its immense pole line, comprehending more weight of copper than any other built up to the time of its erection.

WEYER'S CAVE, VA. The lighting of this great cave was attended by many difficulties. The arrangements of lights were made entirely by this company, and include many incandescent lamps of 25, 50, 75, and 150 candle power.

HAVANA, CUBA. The first system ever built in Cuba by an American company. It consists of both arc and incandescent lights and is now running successfully.

SKOWHEGAN, ME. The electricity is generated by water-power six miles from the centre of lighting. When the *power was first turned on* it was found to light successfully. It is operated on *2,000 volts!*

Many other plants of larger or smaller size might be mentioned. Our work can be seen in *all parts of the country.* We are erecting plants of from 50 to 40,000 lamps capacity.

General Office, PITTSBURGH, PA.

INTERESTED PARTIES ARE CORDIALLY INVITED TO SEND FOR ESTIMATES.

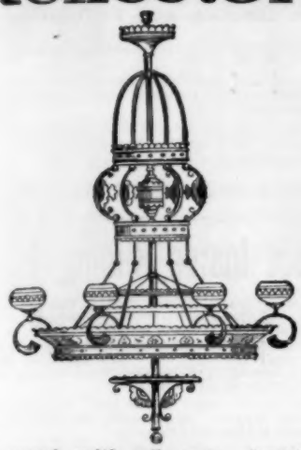
New York Office, 171 BROADWAY, N.Y.

Boston Office, 620 ATLANTIC AVE.

THE MARR CONSTRUCTION COMPANY,

F. S. MARR, President. H. M. DOUBLEDAY, Vice-President and Gen'l Manager.
THOMAS SPENCER, Chief Electrician.

FRINK'S Reflectors



Are used with oil, gas, electric or day light. Strongly endorsed by the leading Architects, and are in use in most of the prominent Churches, Theatres, Art Galleries and Public Buildings in this country.

Among the prominent buildings lighted by Mr. Frink within the past few months are the following:—

ART GALLERIES.

Mrs. R. L. Stuart, 871 5th Ave., New York.
Eden Musee Co., 55 West 23d St., New York.
L. A. Lanthier, 22 E. 16th St., New York.
Fifth Avenue Art Galleries, 366 5th Ave., New York.
Century Club, 109 E. 15th St., New York.
Fifth Ave. Auction Rooms, 240 Fifth Ave., New York.
Boussod, Valadon & Co., 303 Fifth Ave., New York.
G. W. Lininger, Omaha, Neb.
David C. Lyall, Brooklyn, N. Y.

THEATRES.

Miner's Newark Theatre, Newark, N. J.
Commonwealth Hall, Orange, N. J.
Titusville Opera House, Titusville, Pa.
Academy of Music, Petersburg, Va.
Opera House, Helena, Ark.
Perking Opera House. Springfield, Mo.
Opera House, Wilkes-Barre, Penn.
Opera House, Anniston, Ala.
Opera House, Carbondale, Penn.
Opera House, Paris, Mo.
Opera House, Los Angeles, Cal.

CHURCHES.

First Baptist, Minneapolis, Minn.
First Presbyterian, Westfield, N. J.
Holy Trinity, Hoboken, N. J.
Central Congregational, New York.
West Harlem, M. E., New York.
Christ Episcopal, Jordan, N. Y.
First Congregational, Williamstown, Mass.
First Baptist, Franklin, Ind.
Euclid Ave. Congregational, Cleveland, O.
Second Congregational, New London, Conn.
Twenty-Second St. Baptist, Louisville, Ky.
Methodist Episcopal, Chatham, N. Y.
Universalist, Titusville, Pa.
Presbyterian, Greenwich, Conn.
St. Stephen's, Worcester, Mass.
Trumbull Ave. Presbyterian, Detroit, Mich.
Methodist Episcopal, Flemington, N. J.
Jane St. M. E., New York.
First Unitarian, Deerfield, Mass.
St. Rose, Lima, N. Y.
St. John's M. E., Brooklyn, N. Y.
Methodist Episcopal, San Bernardino, Cal.
First Baptist, Columbus, Miss.
Methodist Episcopal, Ontario, Cal.
Church of the Ascension, Hamilton, Ont.
Madison Ave. Reformed, New York.
Centenary M. E., Newark, N. J.
Greenwood Baptist, Brooklyn, N. Y.
Seventh Day Baptist, Plainfield, N. J.
Zion, Greene, N. Y.
West Side Ave. Presbyterian, Jersey City, N. J.
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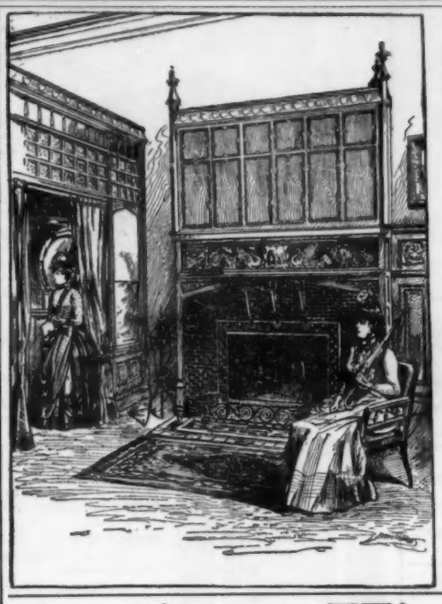

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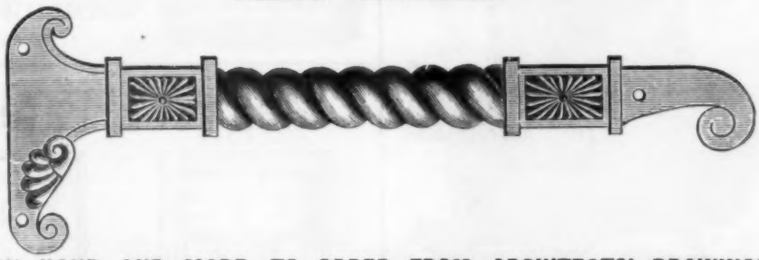

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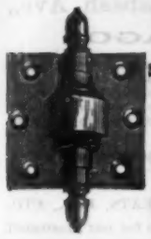

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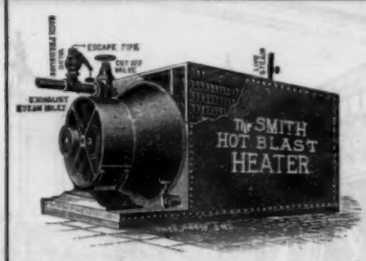

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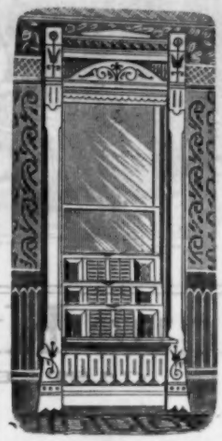

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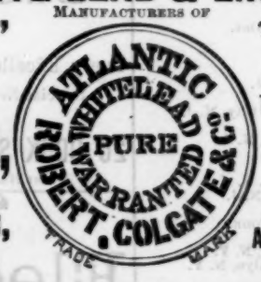

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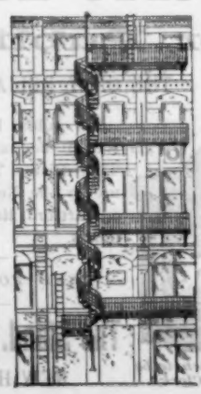

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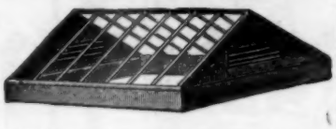

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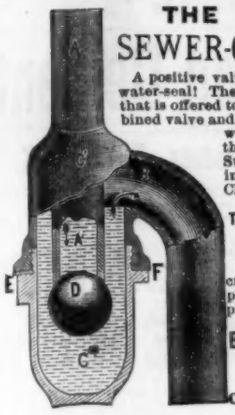

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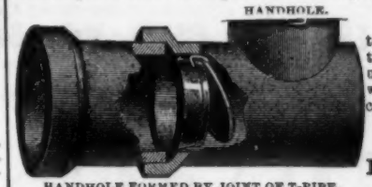

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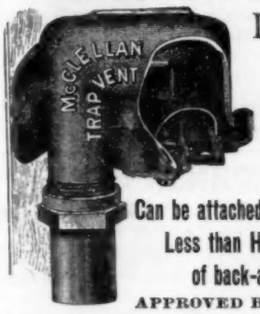

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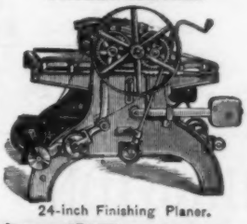
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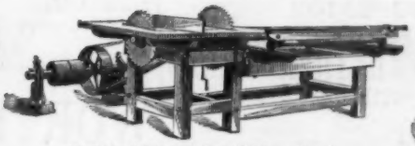
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LUMBER.—₱ M.				
Boards: (*Ordinary dimensions.*)				
Pine, 1st quality, clear	65 00 @ 75 00	50 00 @ 60 00	47 00 @ 48 00	55 00 @ 60 00
" 2d quality	55 00 @ 60 00	42 00 @ 50 00	43 00 @ 45 00	40 00 @ 50 50
" 3d quality	18 00 @ 22 00	35 00 @ 40 00	39 00 @ 41 00	15 00 @ 30 00
Spruce	@ 25 00	12 00 @ 25 00	*Not sold.*	@ 35 00
Hemlock	ea 13½ @ 14	13 00 @ 15 00	@ 11 00	@ 14 00
Yellow pine	20 @ 40	28 00 @ 35 00	@ 28 00	20 00 @ 50 00
Cypress	@	32 00 @ 40 00	@	40 00 @ 45 00
Clapboards:				
Pine	@	33 00 @ 55 00	10 00 @ 22 00	20 00 @ 35 00
Spruce	@	15 00 @ 35 00	*Not sold.*	*Not Sold.*
Framing Timber:				
Pine			13 00 @ 16 00	28 00 @ 32 50
Spruce	13 00 @ 16 00	15 00 @ 18 00	*Not sold.*	20 00 @ 22 50
Hemlock	12 50 @ 13 00	12 50 @ 15 00	10 00 @ 10 50	12 50 @ 13 50
Yellow pine	18 00 @ 21 00	24 00 @ 35 00		26 00 @ 28 00
Laths:				
Pine	@	2 25 @ 2 35	@ 2 20	3 00 @ 3 50
Spruce	2 10 @ 2 20	2 25 @ 2 50	*Not sold.*	2 50 @ 3 00
Shingles:				
Pine, shaved ₱ M	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed "	4 00 @ 5 60	@ 4 50	2 35 @ 2 60	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 60	*Not sold.*	
Redwood ₱ 125	1 40 @ 1 60	3 75 @ 4 00	6 50 @ 8 00	30" 835 @ 40
Cedar, split ₱ M	@		*Not sold.*	24" 8 @ 21
Cedar, sawed "	@	2 00 @ 4 00	2 20 @ 2 45	20" 35 @ 14
Cypress. Split....7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 75 @ 4 25	11 00 @ 18 00
Miscellaneous:				
Piles ₱ ft	4½ @ 5½	Piles 6c. ₱ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	12 00 @ 14 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	70 @ 1 25
Chestnut "	@	25 @ 50	*Not sold.*	28 @ 32
Finishing Woods: ₱ M. (*First Qual. Kiln-dried.*)				
Ash	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	45 00
Cherry	80 00 @ 120 00	65 00 @ 120 00	80 00 @ 110 00	75 00 @ 80 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 5500	70 00 @ 80 00
Hard-pine floors (rift)		48 00 @ 50 00		
Mahogany, Baywood [Mexican]	@ 180 00	150 00 @ 160 00	150 00 @ 180 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	220 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	25 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 75 00
" white	@ 70 00	50 00 @ 55 00	35 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 80 00	45 00 @ 60 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 45 00	87 50 @ 65 00
Pine, clear	65 00 @ 70 00	30 00 @ 75 00	45 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 6000	60 00 @ 75 00
Rosewood ₱ lb	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		30 00 @ 32 00		
Walnut, black	125 00 @ 150 00	80 00 @ 120 00	80 00 @ 110 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	30 00 @ 35 00	25 00 @ 40 00
Yellow pine ₱ M	@ 45 00	40 00 @ 42 00	30 00 @ 32 50	37 50 @ 45 00

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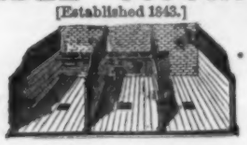

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	New York. (Wholesale Prices.)	Boston. (Prices to Builders and Contractors.)	Chicago.	Philadelphia.
BRICK. — ₱ M.				
Common: *Cargo aftoat.*				
Pale	2 50 @ $2 75	Eastern 8 00 @ 8 50	Building Brick 5 50 @ 6 50	Sq. Hard @ 9 50
Jersey	6 00 @ 6 50	Bay State Hard 9 50		" @ 12 00
Long Island	@	Domestic Com. 9 00 @ 9 50	Indiana Pressed 16 00 @ 22 00	Salmon @ 7 00
Up River	7 00 @ 7 25	Domestic Face 18 00 @ 20 00	St. Louis Fronts @ 27 00	Sq. " @ 9 00
Haverstraw Bay 2nd	7 00 @ 7 25	Philadelphia 40 00 @ 45 00		Light Stretchers @ 12 00
" 1st	7 25 @ 7 75	Phila. mould 50 00 @ 80 00		Medium " @ 14 00
Hollow	@ 13 00		18 00 @ 27 00	Red " @ 15 00
Fronts		Glens Falls 25 00 @ 26 00	65 00 @ 350 00	Dark " @ 15 00
Croton, Brown	14 00 @ 15 00	Glens Falls Mould. 30 00 @ 35 00	@ 85 00	Pressed 20 00 @ 24 00
" dark	15 00 @ 16 00	35 00 @ 40 00	45 00 @ 50 00	Best Paving @ 16 00
" red	15 00 @ 16 00	45 00 @ 60 00	45 00 @	Second " @ 14 00
Chicago pressed			25 00 @	Third " @ 13 00
Chicago Moulded			60 00 @ 100 00	
Baltimore	37 00 @ 41 00		30 @	
Glens Falls — white	30 00 @ 35 00		35 @	Dom. @ 62
Philadelphia	27 00 @ 28 00		55 00 @ 65 00	@ 88
Trenton	@ 27 00			
Milwaukee			@ 100 00	
Moulded:			@ 120 00	
Clark's Glens Falls — Red	25 00 @ 27 00			
" — White	30 00 @ 35 00			
White " Mold	45 00 @ 60 00			
Enamelled: *Imp.*				
Enamelled (edge.)	85 00 @ 100 00			
Enamelled (edge and end)	90 00 @ 115 00			
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	1 15 @ 1 25	@ 1 40	*Not Sold.*	1 15 @ 1 50
Louisville "			1 05 @ 1 30	B & S.E. 275 @ 300
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	*Not sold.*	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	@ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 35 @ 2 50	@ 2 85	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	@ 2 85	3 00 @ 3 25	2 85 @ 3 15
" " (Burham)	2 50 @ 2 80	@ 2 85	2 90 @ 3 15	2 85 @ 3 15
" " (White's)	2 65 @ 3 00	@ 2 85	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 35 @ 2 85	3 00 @ 3 50	3 00 @ 3 25	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	2 80 @ 3 15	2 50 @ 2 75
" " (Vorwohler)	2 50 @ 2 90		2 80 @ 3 15	Josson
" " (Lagerdofer)		*Not sold.*	2 75 @ 3 00	2 50 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	2 85 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not Sold.*	2 75 @ 3 00
" " Stettin, (Anchor)	2 35 @ 2 85		*Not Sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 50 @ 2 75
Roman	2 75 @ 3 00	@ 3 20	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	7 00 @ 7 50	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	11 00 @ 12 00	8 00 @ 9 00
Lime:				
Lime of Teil	3 80 @ 4 00		*Not sold.*	White Lime 25 @ 30 ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		White Mass 1 25 @ 150
Chicago Lime in bulk		St. John 1 00	55 @	1 00 @ 1 00
Wisconsin "			60 @	
Rockland and Rockport, (Com.)	@ 1 00	@ 1 05	*Not sold.*	
Rockland and Rockport, finish.	@ 1 20	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 80	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing "	@ 1 10	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined.)	1 20 @ 1 25	1 85 @ 1 90	1 85 @ 1 90	1 25 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ *bush*	18 @ 21	25 @ 30	20 @ 25	22 @ 30
" (Goat)	28 @ 30	@ 30	30 @ 55	30 @ 35
Sand, ₱ *load*	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)		@ 60		55 @ 65
Granite: (*Maine*)				75 @ 90
Limestone:	45 @ 1 25	95 @ 1 00	50 @	Richmond
Bedford	@ 1 00		35 @ 55	75 @ 1 50
Joliet			35 @ 60	4 50 ₱ Perch
Lemont			@ 1 00	
Sarnentine				

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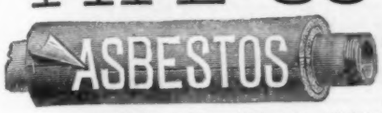

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Foundation:				
Dimension		5 00 ℔ ton	20 @ 2	@ 5 00
Block		4 50 ℔ perch		Conshocken
Rubble		1 25 @ 1 50	3 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 20
Planed	50 @ 6 00	75	50 @ 1 00	45 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		95 @ 1 16
Kibbe	@ 90	90 @ 1 10		
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 85
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	
Berea } Ohio	75 @ 1 00	80 @ 90	45 @ 55	85 @ 1 00
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 40
New Brunswick (Dorchester)	1 00	75 @ 90	"	1 00 @ 1 10
Caen		@ 2 00	"	1 25 @ 1 50
Carlisle, English	@ 1 05	80 @ 90		95 @ 1 10
Corse Hill (Scotch)	1 05			
Marble (℔ *cu. ft.*)				
Lee, Mass.	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and blue		@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black		2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined		50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna		3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red		1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville		85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue			*Not sold.*	2 00 @ 3 00
Vermont, white		1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate; Roofing (℔ *square*)		4 75 @ 5 25	5 50 @ 6 10	2 80 @ 3 00
" green	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" purple	5 00 @ 6 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" red	@ 10 00		6 25 @ 6 85	3 25 @ 4 00
" black, Lehigh	4 25 @ 4 75	@	7 30 @ 8 00	4 00 @ 4 65
" " Chapmans	@	@	7 00 @ 9 50	@ 5 85
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 00 @ 7 50	*Not sold.*	@ 25 00
Tiles, Am. ℔ M.	@			6 00 @ 6 75
N. Peach Bottom, warranted unfading				
PAINTS. (*In oil,* ℔ *lb.*)				
White lead, Am.	7 @ 7½	7 @ 7½	6½ @ 7½	7 @ 7½
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	6½ @ 7
Red lead, Am.	6½ @ 7	7 @ 7½	6½ @ 7½	6½ @ 6½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. @ 60
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	@ 18
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" @ 20
Black, lamp,	15 @ 25	15 @ 25	8 @ 30	16 @ 25
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw)	56 @ 58	57 @ 59	53 @ 54	@ 58
" " boiled	59 @ 61	60 @ 62	57 @ 58	@ 61
Turpentine	46 @ 47	48 @ 51	49½ @ 50½	@ 47
Varnish, coach		1 50 @ 6 00	1 25 @ 2 00	@ 2 25
Shellac		2 50 @ 3 00	2 25 @ 4 00	@ 2 90
Putty	2 @	2 @ 4	02 @ 02½	@ 2
Whiting	75 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.,)	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Lithargo, Am.	5½ @ 6	5½ @ 6½	6½ @ 7½	6 @ 6½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	@ 14
Umber, "	14 @ 20	14 @ 20	2 @ 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85		2 15 @	pr kg @ 2 60
10d. common	@ 2 60	@ 2 30	@ 2 25	@ 2 20
Shingle	@ 3 35	@ 2 80	@ 2 75	@ 2 70
Lath	@ 4 85	@ 3 70	@ 3 65	4 50 @ 5 50
Finishing nails according to size.			Add .85 to $1.15	per lb 11 @ 14
(For casing nails add 75c. per keg.)			" .50 to .90	Add pr cask
Butts: 4"x 4".....(℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 16
Japanned	@ 1 50	@ 1 75	*Not sold.*	1 75 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 75 @ 2 00
Ball Tip, Boston Finish.....℔ pair.)	@ 55	@ 50	*Not sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 60 @ 3 25	@ 1 45
Brass (or supboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony				@ 35
Apple wood				37 @ 1 00
Knobs: (℔ *Set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hematite	*Not sold*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 60	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 2 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 ℔	22 @ 35
Sheet Lead		@ 7½		
Lead Pipe		@ 6½		
Iron:				
I-Beams, up to and including 30 ft	3 3-10 @ 3½	3 3-10 @ 3½	@ 4	3 @ 3 3-10
I-Beams, over 30 ft. ½, ¼, ½ c. advance		@	@ 4	@ 3 55
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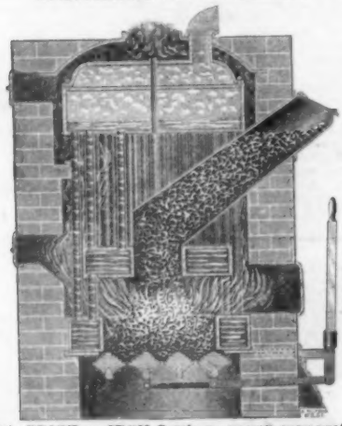

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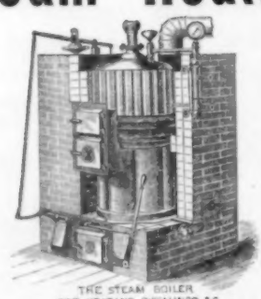

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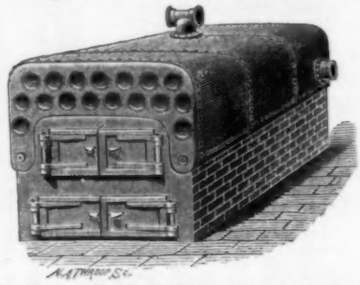

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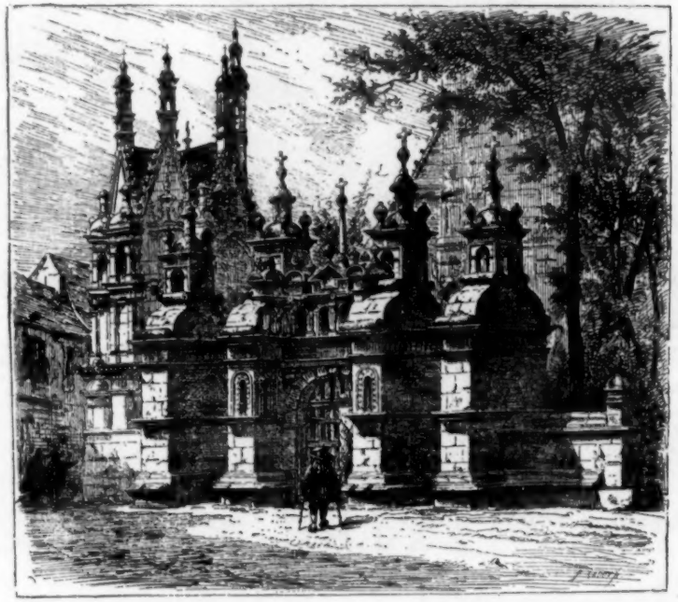

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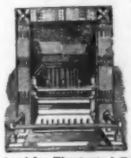

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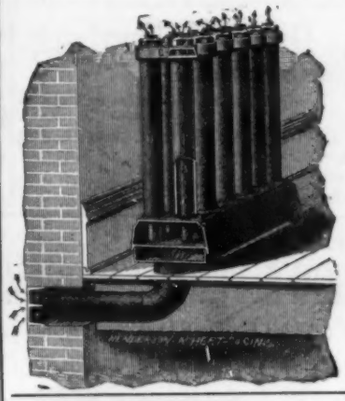

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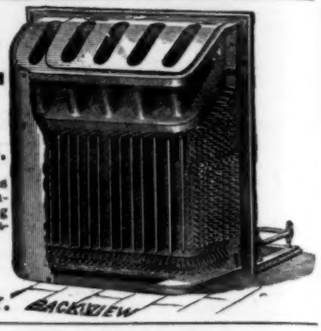

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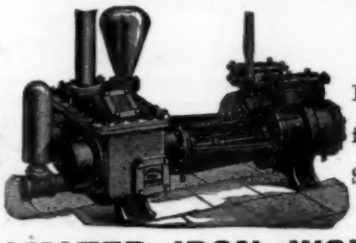

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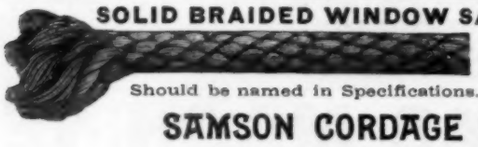

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New Advertisements.

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OUR OLDEST ADVERTISER.

We ask attention this week for the advertisement of Mr. W. J. McPherson on page iii. This gentleman showed his faith in our undertaking by placing his advertisement in the first issue of this journal, January 1, 1876, and has kept it ever since that time in this journal. An advertising connection of such length is not a very common occurrence, and may safely be assumed to indicate a good deal of mutual satisfaction and benefit.

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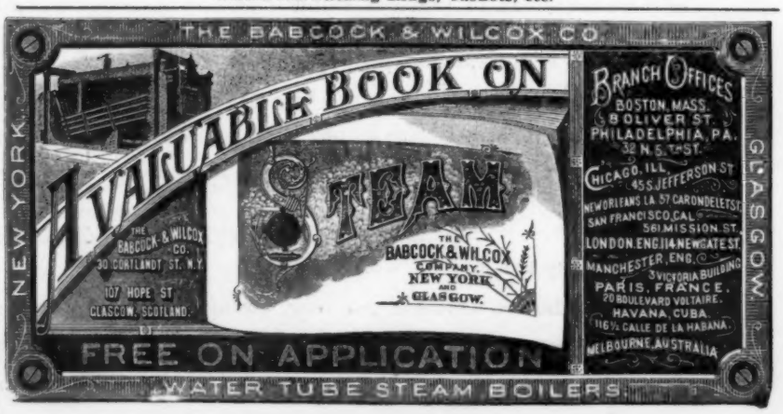

The American Architect and Building News for 1889.

THOSE who have subscribed for this journal during the last thirteen years should know about what will be its general character during the coming year, and it is only necessary to speak of particulars.

The illustrated papers on "Builders' Hardware" will probably be brought to a close before the middle of the year.

The papers on "Equestrian Monuments" will appear at frequent intervals during the entire year, as the attainable material promises to far exceed the limits first assumed.

The second volume of "Safe Building" will be begun early in the year, and the papers will be published with greater frequency than hitherto, so that it may appear in complete form at the earliest possible moment.

The extremely able and interesting accounts of "Italian Cities," by M. Honoré Mereu, who keeps in mind matters of historical as well as architectural interest, will appear at intervals.

Others of the temporarily interrupted series of papers will, it is hoped, be resumed during the year.

Of new material, the

Illustrated Life of Rodin,

the foremost of the French sculptors of the day, by Truman H. Bartlett, sculptor, will, to some, be the most prominent and generally interesting contribution. Mr. Bartlett writes with enthusiasm, and has obtained from M. Rodin facts and material for illustration that have not before been obtainable by any one.

To practising architects, however, and to draughtsmen, the most valuable contribution will be that made by Mr. A. B. Bibb, architect, on

"The Old Colonial Work of Virginia and Maryland,"

illustrated with cuts, measured drawings and gelatine prints.

The field of archæological inquiry will be represented by half a dozen papers by Mr. W. H. Goodyear, late curator in the Metropolitan Museum of Art, who here develops his recent discoveries relating to the

"Lotus in Ancient Art."

Further than this, Mr. Sylvester Baxter will contribute a series of papers on the

"Archæology of Arizona,"

which will give some account of the result of the Hemenway Expedition, and the work of Mr. Francis Cushing.

The instruction of students and draughtsmen has been considered in arranging for the publication of the papers on

"Architectural Shades and Shadows,"

by Mr. A. D. F. Hamlin, of the architectural department of Columbia College.

The interests of the perennial voyager and architectural traveller will find satisfaction in a series of

"Knockabout Papers"

by Mr. F. L. V. Hoppin, with many illustrations, both humorous and serious.

The general reader, no less than the architect, will find in the illustrated papers on travel in Spain, by Mr. F. A. Ober, much that is instructive historically, as well as of practical value from a professional point of view.

Occasional papers may be expected from the Rev. A. H. Noll, on Mexico; from the Countess von Krockow, on matters of foreign interest; from Mr. W. Watkiss Lloyd, on theoretical considerations of art and architecture. and from other well-known contributors.

The monthly contributions of domestic correspondence, which have proved so acceptable, will be continued and, we hope, expanded as fast as acceptable coadjutors declare themselves in now unrepresented fields.

Our programme is an unusually full one, and it is possible that the necessity of publishing papers on matters of current interest will not allow us to carry it out in its entirety.

It is always difficult to say anything about the illustrations. If the men who do the most interesting work do not care to have it published, or prefer to have it published elsewhere, we cannot, of course, have the pleasure of laying it before our readers; but, so far as it lies in our power, the illustrations will be as much above the average of those contained in previous volumes as circumstances will allow. In other respects, as to quantity, variety and quality, the illustrations published with the several editions will be as hitherto.

The publication of the valuable plates from

"Wickes's Gothic Towers and Spires"

will be continued, and there will also be published in the Imperial Edition a selection from the plates of Müller's

"Sketches of the Age of Francis I."

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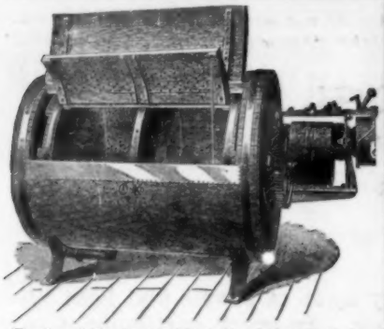

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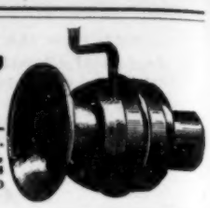

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Boston, Mass.—*Sheafe St., No.* 5, Ward 6, brick school-building altered to flat; owner, Simon Lockson; builder, John Doherty.

Washington St., No. 727, alterations to brick stores; owners, H. Cone & Co.; contract to be let; architect, J. A. Brazillian.

Boylston St., No. 14, Ward 10, remodelling brick dwell. and store; owner, C. W. Cotting; builders, C. A. Noyes & Co.

Main St., No. 463, Ward 4, additions and alterations to brick dwell.; owner, Miss B. Frye; builder, J. Taylor.

Charles St., No. 49, Ward 9, remodelling of brick dwell. and store; owner, A. Vinal; builders, Harvey & Hutchins.

Vernon St., near Foster St., Ward 25, frame dwell., 22′ x 42′; owner, Michael Bennett; builder, G. N. Prouty.

Chicago, Ill.—J. Morgan, one-st'y addition, La Salle and Washington Sts.; cost, $25,000; architect, Bauman.

New York, N. Y.—*East River*, 200′ n Twenty-sixth St., two-st'y (wood covered with tile) hospital-building, extension (wood covered with iron), tin roof; cost, $9,300; owners, City of New York; architects, Withers & Dickson, 54 Bible House.

Avenue A, e s, 32′ s Fifty-seventh St., one-st'y brick factory, raised two stories and internal alterations; cost, $5,000; owners, Schmitt & Schwaneufluegel, s e cor. Avenue A and Fifty-seventh St.; architect, I. Kastner, 744 Broadway.

West Eighteenth St., No. 224, five-st'y brick tenement, altered internally; cost, $6,500; owner, J. C. Kendall estate, 111 Broadway; architects, Lamb & Rich, 265 Broadway.

Pearl St., No. 490, four-st'y brick dwell., extension and internal alterations; cost, $4,000; owner, Mrs. Sarah Silverberg, 490 Pearl St.; architects Flenner & Koehler, 261 Broadway.

Madison Ave., No. 555, four-st'y brick dwell., extensive internal alterations; cost, $5,000; owner, Henry S. Lawrence, 359 Lenox Ave.; architects, L. B. Tiffany & Co., 20 East Twenty-first St.

St. Louis, Mo.—Two-st'y addition to brick boiler-house; cost, $5,000; owner, L. Petersen; contractor, P. Moynihan.

APARTMENT-HOUSES.

Boston, Mass.—*Newbury St., Nos.* 157-161, Ward 11, 3 four-st'y brick apartments, flat roofs, 23′ 8″ x 50′; owner and builder, A. Knowlton.

BUILDING INTELLIGENCE.

Huntington Ave., Nos. 76-86, Ward 11, 6 four-st'y brick apartments, flat roofs, 27′ 6″ x 81′; owner and builder, Albion Knowlton.

Beacon St., Nos. 259-261, Ward 11, 2 six-st'y brick apartments, flat roofs, 48′ x 90′ and 24′ x 90′; owner and builder, Peter Graffam.

Brooklyn, N. Y.—*Carlton Ave., No.* 70, being 125′ s Park Ave., four-st'y brick flat, tin roof; cost, $15,000; owner, Honora Slattery, 85 Vanderbilt Ave.; architects and builders, Hogan & Slattery.

Chicago, Ill.—J. W. Ela, three-st'y flats, Park Ave.; cost, $7,000; architect, J. H. Huber.

Mrs. L. Kaiser, two-st'y flats, Flournoy St.; cost, $3,800; architect, W. Thomas.

C. H. Eseman, three-st'y flats, State St.; cost, $10,000; architect, J. Speyer.

D. Severs, 2 three-st'y flats, West Seventeenth St.; cost, $3,500; architect, Ruehl.

A. Fortin, 2 three-st'y flats, Centre St.; cost, $10,000; architect, J. F. Fortin.

W. R. Wilson, four-st'y flats, Michigan Ave.; cost, $10,000; architect, W. L. Carroll.

H. Parker, 2 five-st'y flats, Thirty-first St.; cost, $75,000; architect, J. J. Kouhn.

O. E. Anderson, three-st'y flats, Thirty-first St.; cost, $7,000; architects, J. F. & J P. Doerr.

P. Hang, two-st'y flats, West Monroe St.; cost, $3,000; architect, A. Forest.

A. Stanford, 3 three-st'y flats, West Van Buren St.; cost, $15,000; architect, W. M. Walter.

A. W. Rainbow, two-st'y flats, West Monroe St.; cost, $6,000; architects, Wilson, Marble & Lawson.

N. Eich, flats, Sanger St.; cost, $10,000; architect, A. Dressel.

New York, N. Y.—*One Hundred and Twenty-fifth St.*, s w cor. Madison Ave., five-st'y brick flat, mansard, tin and slate roof; cost, $60,000; owner, Moritz Cohn, 951 Madison Ave.; architects, C. Abbott French & Co., Fifty-seventh St. and Seventh Ave.

One Hundred and Third St., s s, 278½′ w Ninth Ave., five-st'y brick flat, tin roof; cost, $24,000; owner, Wm. D. Woods, 329 West Twenty-ninth St.; architect, Joseph M. Dunn, 1193 Broadway.

Second Ave., n w cor. Eighty-eighth St., 4 five-st'y brick flats, tin roofs; cost, $62,000; owner, Fred. Schuck, n w cor. Avenue A and Eighty-fifth St.; architects, Brandt & Co., 1491 Third Ave.

Ninth Ave., e s, 25′ s Ninety-eighth St., 2 five-st'y brick flats, tin roofs; cost, $36,000; owner, Frederick Yost, 320 East One Hundred and Twenty-fifth St.; architect, Andrew Spence, 2294 Third Ave.

Ninety-ninth St., s s, 100′ e Ninth Ave., 2 five-st'y brick flats, tin roofs; cost, $36,000; owner, Sarah E. Hinman, 243 West One Hundred and Thirty-first St.; architect, Geo. M. Walgrove, 160 Fulton St.

Madison Ave., n e cor. Eighty-fourth St., seven-st'y brick flat, tin roof; cost, $42,000; owner, Robert B. Lynd, 3 East Eighty-fourth St.; architect, John H. Duncan, 237 Broadway.

BUILDING INTELLIGENCE.

Eighty-fourth St., s s, 275′ w Ninth Ave., five-st'y brick flat, tin roof; cost, $20,000; owner, Michael J. Byrne, 169 West Eighty-third St.; architect, R. H. Bschaidner, 15 Courtlandt St.

Avenue A, n e cor. Seventy-sixth St., five-st'y brick flat, tin roof; cost, $19,000; owner, David Milliken, 1436 Avenue A; architect, A. Spence, 2294 Third Ave.

Greenwich Ave., No. 123, five-st'y brick flat; cost, $18,000; owner, John Totten, 240 West Forty-ninth St.; architect, Geo. P. Pelham, 1481 Broadway.

Sixth Ave., s w cor. Fifty-sixth St., 4 five-st'y flats; owner, H. Clausen, Jr.; architect, William Kuhles.

Sixty-fifth St., s s, 300′ w Seventy-eighth Ave., 6 five-st'y flats; owner, John Livingston; architects, A. B. Ogden & Son.

Ninety-second St., n s, 88′ 6″ e Fourth Ave., 2 five-st'y brick flats, tin roofs; cost, $40,000; owner, Andrew J. Kerwin, 82 East Ninety-second St.; architect, A. B. Ogden, 1031 Madison Ave.

One Hundred and Twenty-fifth St., n s, 175′ e Grand Boulevard, 10 five-st'y brick flats, tin roofs; cost, $180,000; owners, John & E. P. Beaudet, 2417 Eighth Ave.; architect, Rich. R. Davis, 301 West One Hundred and Thirty-third St.

Ninth Ave., n w cor. Seventy-fourth St., five-st'y brick flat, tin roof; cost, $40,000; owner, Michael Giblin, 136 West Ninety-fourth St.; architect, Geo. A. Bagge, West Sixty-sixth St., bet. Eighth and Ninth Aves.

Avenue A, n w cor. Eighty-fourth St., 3 five-st'y brick flats, tin roofs; cost, $48,000; owner, Scheimer, 295 Mott St.; architects, Brandt & Co., 1491 Third Ave.

St. Louis, Mo.—Two-st'y brick flat; cost, $3,500; owner, Mr. Sutter; contractor, J. Dummeyer.

Two-st'y brick stores and flats; cost, $5,000; owner, Jas. M. Carpenter; architect, C. W. H. Brown; contractor, M. Kirkwood.

CHURCHES.

Alexandria, Ky.—The Catholics will build a church; cost, $5,000.

New York, N. Y.—*One Hundred and Forty-first St.*, n s, from Convent Ave. to Hamilton Terrace, brick and stone church; cost, abt. $250,000; owners, St. Luke's congregation of which Dr. Tuttle is Rector.

St. Louis, Mo.—One-st'y brick church; cost, $15,000; owners, St. Louis Church; architect, J. De Pombroy; contractors, Klute & Hollebrand.

HOUSES.

Baltimore, Md.—Clarence A. Pindell, 3 three-st'y brick buildings, n s Lanvale St., e Charles St.

Richard T. Foster, 18 two-st'y brick buildings, w s Bruce Alley, bet. McHenry and Ramsay Sts.

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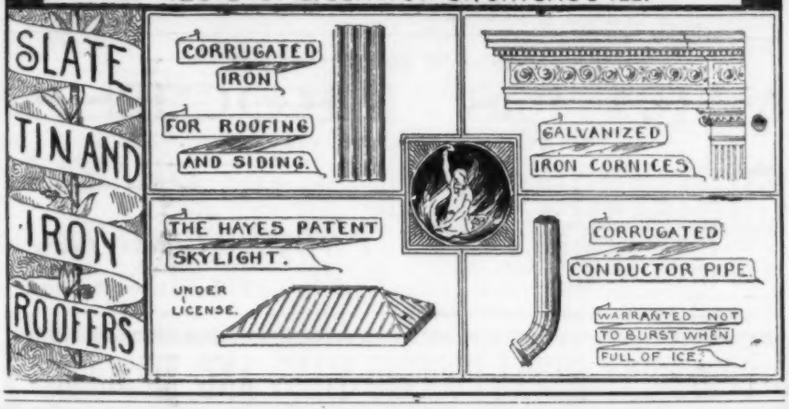

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This is most aptly illustrated in the case of Genuine Taylor "OLD STYLE" Brand of Roofing Plate.

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BUILDING INTELLIGENCE.

Brooklyn, N. Y.—*Jacob St.*, s e s, 150′ s w Bushwick Ave., 5 three-st'y brick dwells., tin roofs; cost, each, $7,000; owners, Moores & Le Quesne, 825 Quincy St.; architect and contractor, C. A. Le Quesne; mason, R. L. Moores.

Stuyvesant Ave., w s, 60′ s Madison St., 2 three-st'y brownstone dwells., tin roofs; cost, each, $6,000; owner, J. Gardiner, Stuyvesant Ave., cor. Putnam Ave.; architect and builder, J. S. Stevens.

Greene Ave., n s, 289′ w Reid Ave., 3 two-and-one-half-st'y brownstone dwells., tin roofs; cost, each, $6,000; owner, Thomas Walsh, 718 De Kalb Ave.; architects, Higgs & Rooke.

Stone Ave., e s, 250′ s Glenmore Ave., 4 two-st'y frame dwells., shingle roofs; cost, each, $2,000; owners, Dean & Lanty, 586 Marcy Ave.; architect, A. M. Jenk; builders, Warren & Callaghan and M. Healy.

Chicago, Ill.—J. H. Gibson, 2 three-st'y dwells., Forest Ave.; cost, $14,000; architects, Edbrooke & Burnham.

A. McNeill, two-st'y dwell., Prairie Ave.; cost, $6,000; architect, J. A. Thain.

Mrs. J. A. Shenick, two-st'y dwell., West Madison St.; cost, $2,500; architect, G. H. Purcell.

Detroit, Mich.—A. M. Semple, 2 two-st'y frame dwells., 111-113 Perry St.; cost, $3,000.

W. H. Holcomb, brick dwell. and barn, 242 East Warren Ave.; cost, $5,600.

Rogers and McFarland, two-st'y brick double dwell., 26-28 Medbury Ave.; cost, $10,000.

W. H. Hollands & Son, two-st'y brick dwell., 716 Woodward Ave.; cost, $10,000.

R. J. Wilson, frame dwell., Frederick St.; cost, $3,500.

New York, N. Y.—*One Hundred and Eighty-fifth St.*, s s, 150′ w Washington Ave., three-st'y frame dwell., tin roof; cost, $5,000; owner, Lucy Wadsworth, 83 West Ninetieth St.; architect, Henry Davidson, 277 West Twenty-second St.

Boston Ave., n s, 75′ s One Hundred and Sixty-fifth St., 3 two-st'y frame dwells., tin roofs; cost, $9,000; owner, Lavina J. Palmer, 332 North Broad St., Philadelphia, Pa.; architect, Edward Stichler, 551 East One Hundred and Fifty-fourth St.

One Hundred and Forty-eighth St., n s, 67′ e Brook Ave., two-st'y frame dwell., tin roof; cost, $3,000; owner, Mary M. Brierly, 143 East Forty-eighth St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Tinton Ave., No. 5, two-st'y frame dwell., tin roof; cost, $3,000; owner, Garret Hopper, 346 West Forty-eighth St.; architect, I. E. Terhune, 695 Broadway.

Washington Ave., e s, 219′ n Talmadge St., three-st'y frame dwell., mansard, shingle and tin roof; cost, $3,500; owner, Wallace Wyand, 312 East Forty-ninth St.; architect, W. W. Gardiner, 1364 Washington Ave.

Westchester Ave., n s, 55′ w Fox St., three-st'y frame dwell., tin roof; cost, $3,500; owner, Elizabeth Page, 825 Third Ave.; architect, Joshua P. Leo, 38 Park Row.

Kingsbridge Rd., s s, 66′ 8″ e Ridge St., two-st'y frame dwell., tin roof; cost, $5,000; owner, William Delamater, 300 Mulberry St.; architects, Hoar & Day, 52 East Twenty-third St.

Fourth Ave., e s, 28′ n Ninety-second St., 4 three-st'y brick dwell., tin roof; cost, $40,000; owner, Andrew J. Kerwin, 82 East Ninety-second St.; architect, A. B. Ogden, 1031 Madison St.

Eightieth St., s s, 89′ 6″ e Lexington Ave., 3 three-st'y brick dwells., tin roofs; cost, $38,000; owner, John Livingston, 130 East Seventy-first St.; architect, A. B. Ogden, 1031 Madison Ave.

Providence, R. I.—*Frankfort St.*, frame dwell.; cost, $1,500; owner, A. Maucher; builder, J. Canning.

Flora St., frame dwell.; cost, $2,000; owner, J. Prior; builder, T. Carolan.

Akeman St., frame dwell.; cost, $1,200; owner, Mrs. M. L. Greene; builder, A. C. Greene.

Balaklava St., frame dwell.; cost, $3,000; owner, T. Kelleher; builders, Kelleher Bros.

Benevolent St., No. 51, two frame dwells; owner, M. O'Brien; builder, P. Halton.

Somerville, Mass.—*Madison St.*, frame dwell., owner, True W. Townsend; builder, Geo. E. Ricker.

Pearl St., three frame dwells.; owner, Edward B. Wildes; builder, Geo. E. Ricker.

Madison St., frame dwell.; owner and builder, Geo. E. Ricker.

Quincy St., frame dwell.; owner, Luther Fernald; builder, John R. Thompson.

Richdale Ave., frame dwell.; owner, Annie Fletcher; builder, W. K. Fletcher.

Medford St., frame dwell.; owner, Annie Fletcher; builder, W. K. Fletcher.

St. Louis, Mo.—Two two-st'y brick dwells.; cost, $6,000; owner, John Stern; architect, Aug. Beinke; contractors, Paulus & Wiedeman.

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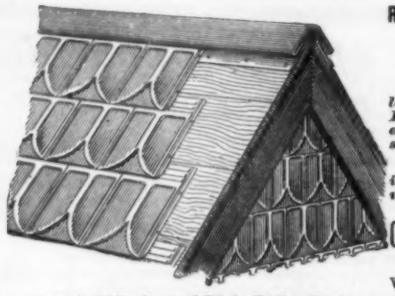

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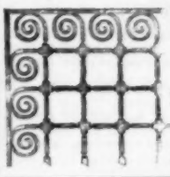

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STABLES.

Brooklyn, N. Y.—*Clason Ave.*, w s, 197′ 11″ s Myrtle Ave., three-st'y brick stable, tin roof; cost, abt. $14,000; owners, Fleischman & Co., Washington St., cor. Perry St., New York; architect, T. G. Stein; builders, I. & J. Van Riper & Co. and S. M. Randall.

Detroit, Mich.—A. C. Varney, brick barn, 415 Jefferson Ave.; cost, $4,350.

New York, N. Y.—*Madison St., No.* 376, three-st'y brick stable; cost, $14,000; owners, O. K. Model Baking Co.

St. Louis, Mo.—Two-st'y private brick stable; cost, $7,000; owner, J. H. Kauffman; architects, Jas. Stewart & Co.; sub-let.

STORES.

Brooklyn, N. Y.—*Greene Ave.*, s e cor. Wyckoff Ave., three-st'y frame (brick-filled) store and tenement, tin roof; cost, $5,000; owner, M. Heinz, 424 East Tenth St., New York; architects, D. Acker & Son; builder not selected.

Garden St., n w cor. Bushwick Ave., four-st'y frame store and dwell., tin roof; cost, $5,500; owner, Geo. Covert, Lewis Ave.; architects, Schrempf & Loeffler; builder, H. Loeffler.

Lewis Ave., s e cor. Lexington Ave., three-st'y brick store and dwell., gravel roof; cost, $7,000; owner, T. Robbins; architect, A. Hill.

Detr. it, Mich.—A. C. Varney, three-st'y brick store, 204 Michigan Ave.; cost, $7,500.

Wm. Reich, four-st'y store, 68 West Larned St.; cost, $4,000.

New York, N. Y.—*One Hundred and Twenty-fifth St.*, s s, commencing 175′ e Seventh Ave., three-st'y iron store; owner, Archibald D. Russell; architects, Renwick, Aspinwall & Russell.

TENEMENT-HOUSES.

Brooklyn, N. Y.—*Schenectady Ave.*, w s, 81′ s Dean St., 2 three-st'y frame tenements, gravel roofs; cost, each, $2,700; owner and builder, S. M. Fickett, 345A Quincy St.

Dean St., s s, 100′ w Schenectady Ave., 2 three-st'y frame tenements, gravel roofs; cost, each, $3,000; owner and builder, S. M. Fickett, 345A Quincy St.

Cornelia St., n s, 220′ e Broadway, 2 three-st'y frame (brick-filled) tenements, tin roofs; total cost, $7,000; owner, A. H. Stolzer, 331 South Fifth St.; architect, F. Holmberg.

Myrtle St., s s, 125′ e Central Ave., three-st'y frame (brick-filled) tenement, tin roof; cost, $3,500; owner and contractor, Peter J. Brahm, 164 Myrtle St.; architect and mason, W. Bayer.

North Elliot Pl., No. 85, e s, 240′ s Park Ave., three-st'y brick tenement, tin roof; cost, $6,000; owner and builder, R. Bracken, 83 North Elliot Pl.; architect, F. Ryan.

Fifteenth St., s s, 250′ e Third Ave., 4 three-st'y brick tenements, tin roofs; cost, each, $4,600; owner, architect and builder, John Taaffe, 76 Kosciusko St.

Lewis Ave., e s, 20′ s Lexington Ave., 4 three-st'y brick tenements, gravel roofs; cost, each, $6,000; owner, Thos. Robbins, Keyport, N. J.; architect, A. Hill.

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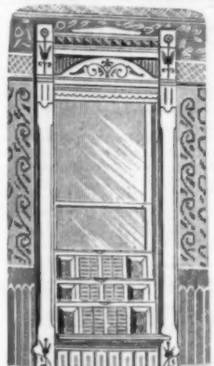

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Lewis Ave., e s, 20' n Lexington Ave., 4 three-st'y brick tenements, tin roofs; cost, each, $5,000; owner and architect, same as last.

New York, N. Y.—*Avenue A, No.* 1457, five-st'y brick tenement, tin roof; cost, $14,000; owner, Charles Frank, 339 East Eighty-fifth St.; architect, Edward Wenz, 1491 Third Ave.

Market St., No. 22, five-st'y brick tenement, tin roof; cost, $12,000; owner, Levy Nichowsky, 16 Orchard St.; architect, Fred Ebeling, 99 East Third St.

MISCELLANEOUS.

Chicago, Ill.— Weir & Craig, one-st'y foundry, Wallace St.; cost, $3,000; architect, E. W. Sproul.

COMPETITION.

CITY-HALL.
[At Lowell, Mass.]
Competitive sketches will be received up to **March 15, 1889**, for new City-Hall and Library Building for the City of Lowell, Mass.
For conditions of competition, plan of lot, etc., apply to the Mayor's office, Lowell, Mass.
681

COMPETITION.

SOLDIERS' MONUMENT.
[At Davenport, Ia.]
DAVENPORT, Ia., December 13, 1888.
Premiums of $500, $250, and $150 for drawings of plans for the Iowa Soldiers' Monument, to be erected by the State, are now offered by the Iowa Soldiers' Monument Commission.
For particulars apply to the undersigned, Secretary of said Commission at Davenport, Ia.
680 D. N. RICHARDSON.

PROPOSALS.

December 27, 1888. Sealed proposals will be received at the Office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 12th day of January, 1889, for the labor and materials required in the erection and completion of the excavation, and pile and concrete foundations of the United States Post-Office, Court-House, etc., building at Charleston, S. C., in accordance with the specification and drawings, copies of which may be seen at this office; the office of the Superintendent; Builders' and Dealers' Exchange, Charleston, S. C.; Builders' Exchange, Baltimore, Md.; Mechanics', Dealers' and Lumbermen's Exchange, New Orleans, La.; Master Builders' Exchange, Philadelphia, Pa.; Virginia Mechanics' Institute, Richmond, Va., and Builders' and Traders' Exchange, Louisville, Ky. Each bid must be accompanied by a certified check for $100. The Supervising Architect will furnish a limited number of copies of the specification and drawings at $1 a set, upon receipt of that sum in post-office money-order, drawn to the order of the Treasurer of the United States. WILL. A. FRERET, Supervising Architect. 680

Proposals for iron buoys and appendages.—Office of Light-House Inspector, Third District, Tompkinsville, N. Y., December 24, 1888. (Post-office Box 2128, New York City.) Proposals will be received at this office until 1 o'clock P. M. on Tuesday, the 15th day of January, 1889, for furnishing to the light-house establishment iron buoys and appendages. The articles to be furnished embrace nun, can, and ice buoys, made of boiler-plate iron, shackles, swivels and chain, of wrought-iron, and iron and stone sinkers, all of which are enumerated in the specifications attached to the form of bid, which may be obtained on application to this office. Contracts will be awarded on each item separately, and bidders are required to state the time when they will agree to deliver the articles. The right is reserved to reject any or all bids, to strike out any item or items in the specifications, and to waive any defects. FREDERICK ROGERS, Commander, U. S. N., Light-House Inspector, Third District.
680

LOCKS AND KEYS.

[At Washington, D. C.]
POST-OFFICE DEPARTMENT,
WASHINGTON, D. C., November 22, 1888.

Sealed proposals will be received at this Department **until 12 o'clock, noon, on Friday, the first day of February, 1889**, for furnishing a new kind of mail locks and keys for the sole and exclusive use of the United States through registered mails.

As the public exposure and searching examination necessary to intelligent bidding on any prescribed model of a lock and key would tend to impair, if not entirely destroy, the further utility of such locks and keys for the purposes of the mails, the Postmaster-General prescribes no model or sample for bidders, but relies for a selection on the mechanical skill and ingenuity which a fair competition among inventors, hereby invited, may develop into samples submitted by them.

Specifications of the conditions and requirements relating to proposals, samples, contracts, etc., as well as forms of proposal, will be furnished on application by letter to the Second Assistant Postmaster-General.

No proposal will be considered unless it shall have been submitted in accordance with such specifications and forms.

The contracts which may be made will be in conformity to the specifications and the accepted proposal.

But the right is, however, reserved to reject any and all of the proposals.

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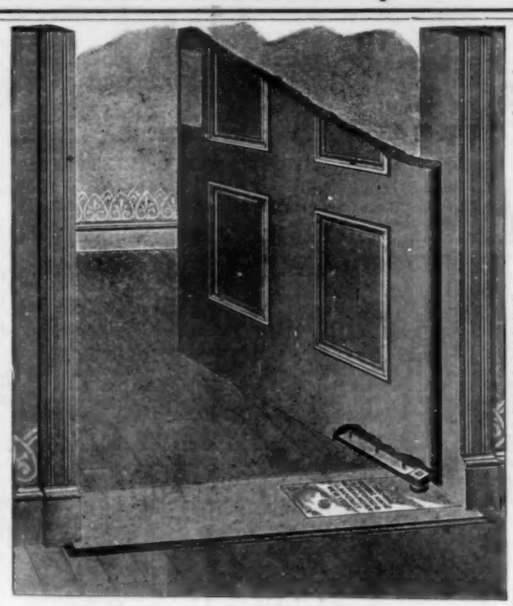

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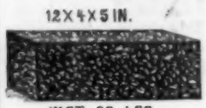

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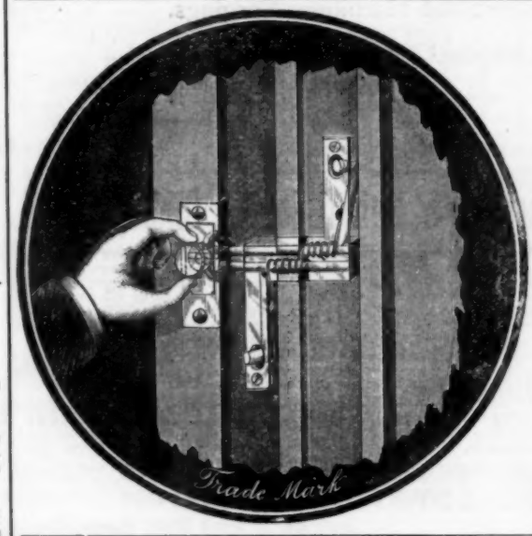

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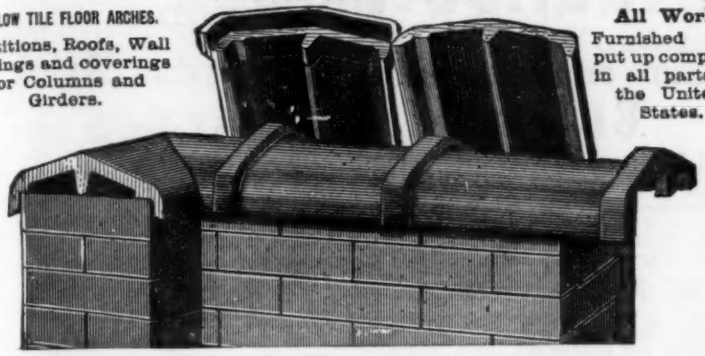

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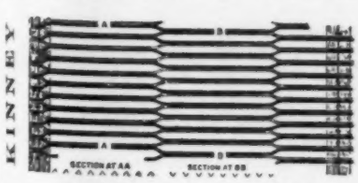

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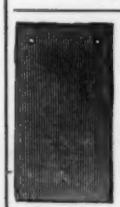

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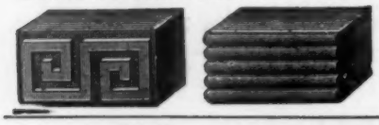

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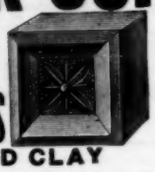

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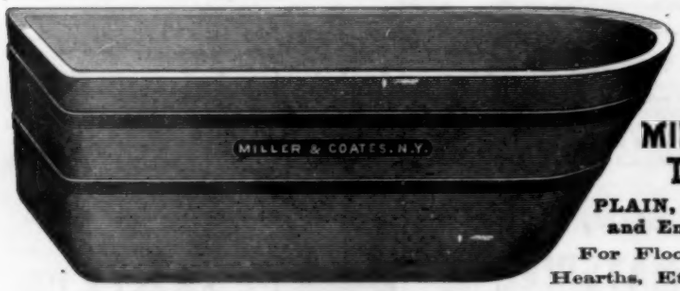

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Fig. B.

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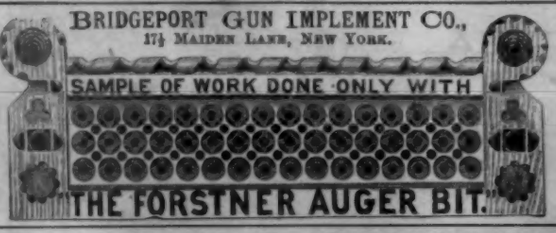

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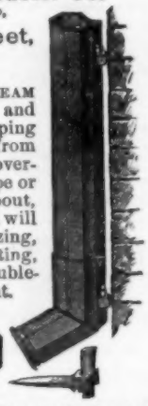

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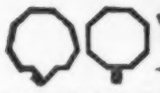

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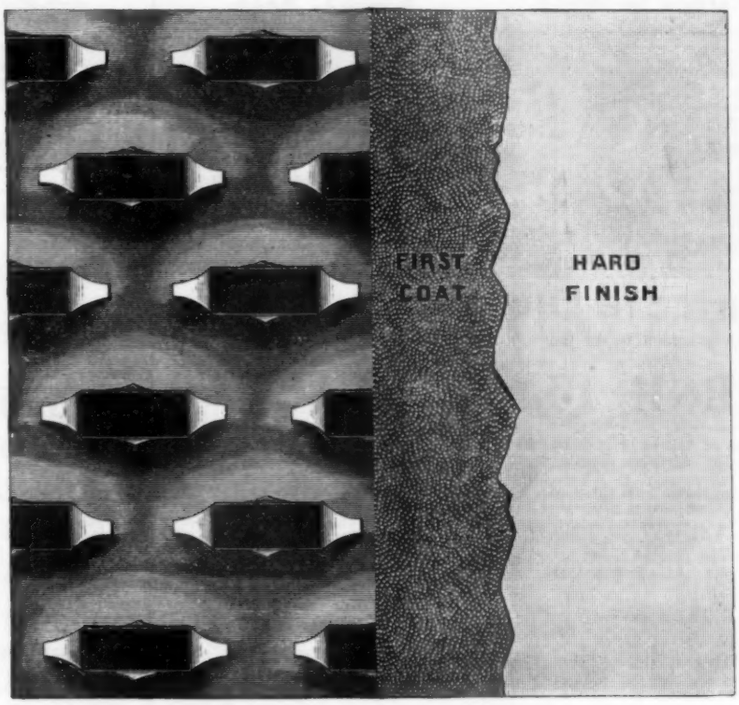

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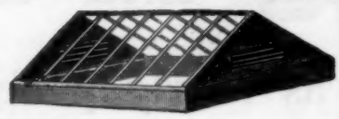

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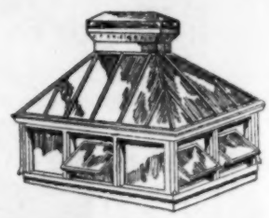

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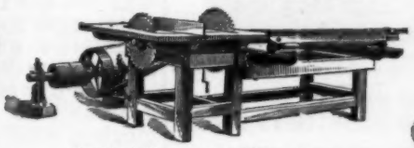
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Laths:				
Pine	@	2 25 @ 2 35	@ 2 20	3 00 @ 3 50
Spruce	@ 2 25	2 25 @ 2 50	*Not sold.*	2 50 @ 3 00
Shingles:				
Pine, shaved ₱ M	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed "	4 00 @ 5 00	@ 4 50	2 35 @ 2 60	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
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Cedar, split ₱ M	@		*Not sold.*	24" 8 @ 21
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Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 75 00
" white	@ 70 00	50 00 @ 55 00	35 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 80 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 40 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	30 00 @ 75 00	45 00 @ 50 00	@ 65 00
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Common: *Cargo afloat.*				
Pale	@ $3 50	Eastern $8 00 @ 8 50	Building Brick 5 50 @ 6 50	Sq. Hard @ 9 50
Jersey	6 00 @ 6 50	Bay State Hard 9 50		" @ 12 00
Long Island	@			Salmon @ 7 00
Up River	7 00 @ 7 25	Domestic Com. 9 00 @ 9 50	Indiana Pressed 16 00 @ 22 00	Sq. " @ 9 00
Haverstraw Bay 2nd	7 00 @ 7 25	Domestic Face 18 00 @ 20 00	St. Louis Fronts @ 27 00	Light Stretchers @ 12 00
" 1st	7 25 @ 7 75	Philadelphia 40 00 @ 45 00		Medium " @ 14 00
Hollow	@ 13 00	Phila. mould 50 00 @ 80 00		Red " @ 15 00
Fronts			18 00 @ 27 00	Dark " @ 15 00
Croton, Brown	14 00 @ 15 00	Glens Falls 25 00 @ 26 00	65 00 @ 350 00	Pressed 20 00 @ 24 00
" dark	15 00 @ 16 00	Glens Falls Mould. 30 00 @ 35 00	@ 55 00	Best Paving @ 16 00
" red	15 00 @ 16 00	35 00 @ 40 00	45 00 @ 50 00	Second " @ 14 00
Chicago pressed		45 00 @ 60 00	45 00 @	Third " @ 13 00
Chicago Moulded			25 00 @	
Baltimore	37 00 @ 41 00		60 00 @ 100 00	
Glens Falls — white	30 00 @ 35 00		30 @	
Philadelphia	27 00 @ 28 00		35 @	
Trenton	@ 27 00		55 00 @ 65 00	
Milwaukee				
Moulded:				
Clark's Glens Falls — Red	25 00 @ 27 00		@ 100 00	Dom. @ @
" — White	30 00 @ 35 00		@ 120 00	@ @
White " Mold	45 00 @ 60 00			
Enamelled: *Imp.*				1 15 @ 1 50
Enamelled (edge.)	85 00 @ 100 00			B & S.E. 275 @ 300
Enamelled (edge and end)	90 00 @ 115 00			2 85 @ 3 25
CEMENT, LIME, etc.—(₱ cask.)				2 85 @ 3 15
Rosendale Cement	1 15 @ 1 25	@ 1 40	*Not Sold.*	2 75 @ 3 00
Louisville "			1 05 @ 1 30	2 85 @ 3 15
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	*Not sold.*	1 00 @ 1 25	2 75 @ 3 15
Portland, English (Gibbs)	2 50 @ 3 00	@ 3 00	2 75 @ 3 25	Hemmoor
" " (K. B. & S.)	2 35 @ 2 50	@ 2 85	3 00 @ 3 25	2 50 @ 2 75
" " Black Cross	2 25 @ 2 50	@ 2 85	3 00 @ 3 25	2 50 @ 2 75
" " (Burham)	2 50 @ 2 80	@ 2 85	2 90 @ 3 15	Josson
" " (White's)	2 65 @ 3 00	@ 2 85	3 00 @ 3 25	2 50 @ 2 75
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	2 85 @ 3 25
" German (Alsen)	2 35 @ 2 85	3 00 @ 3 50	3 00 @ 3 25	2 75 @ 3 00
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	2 80 @ 3 15	
" " (Vorwohler)	2 50 @ 2 90		2 80 @ 3 15	
" " (Lagerdofer)		*Not sold.*	2 75 @ 3 00	
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	
" " (Hanover)	2 50 @ 3 00		*Not Sold.*	
" " Stettin, (Anchor)	2 35 @ 2 85		*Not Sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 80 @ 2 75
Roman	2 75 @ 3 00	@ 3 20	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	7 00 @ 7 50	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	11 00 @ 12 00	8 00 @ 9 00
Lime.				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime 25 @ 30 ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		White Mass 1 25 @ 150
Chicago Lime in bulk		St. John 1 00	55 @	1 00 @ 1 00
Wisconsin "			60 @	
Rockland and Rockport, (Com.)	@ 1 00	@ 1 05	*Not sold.*	
Rockland and Rockport, finish	@ 1 20	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 80	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing "	@ 1 10	*Not sold.*	*Not sold.*	*Not sold*
Plaster of Paris (calcined.)	1 20 @ 1 25	1 85 @ 1 90	1 85 @ 1 90	1 25 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ bush	18 @ 21	25 @ 30	20 @ 25	22 @ 30
" (Goat)	28 @ 30	@ 30	30 @ 35	30 @ 35
Sand, ₱ load	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ cubic foot, rough.)		@ 60		55 @ 60
Granite: (Maine)				
Limestone:	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Bedford	@ 1 00		35 @ 55	Richmond
Joliet			25 @ 60	75 @ 1 50
Lemont			@ 1 00	4 50 ₱ Perch
Serpentine				

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Foundation:				
Dimension		5 00 ℔ ton	20 @ 2	@ 5 00
Block		4 60 ℔ perch		Conshocken
Rubble		1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 20
Planed	50 @ 6 00	75	50 @ 1 00	45 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		95 @ 1 10
Kibbe	@ 90	90 @ 1 10		
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 25
Amherst, Berea, Berlin (Ohio)	90 @ 95	90 @ 1 00	45 @ 50	55 @ 1 00
	75 @ 1 00	80 @ 90	45 @ 55	
	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 40
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 00 @ 1 10
Caen	@	@ 2 00	"	1 25 @ 1 50
Carlisle, English	@ 1 05	80 @ 90		95 @ 1 10
Corse Hill (Scotch)	1 05			
Marble (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Sutland, white and Blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black		2 00 @ 3 60	*Not sold.*	4 00 @ 4 50
Italian, blue-veined		50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna		3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red		1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville		85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue			*Not sold.*	2 00 @ 3 00
Vermont, white		1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate; Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75		6 25 @ 6 85	3 25 @ 4 00
" " Chapmans			7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 00 @ 7 50	7 00 @ 9 50	@ 5 35
Tiles, Am. ℔ M			*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil,* ℔ *lb.*)				
White lead, Am	7 @ 7½	7 @ 7½	6½ @ 7½	7 @ 7½
" Zinc, "	5 @ 8½	7 @ 8	7 @ 10½	6½ @ 7
Red lead, Am.,	6½ @ 7	7 @ 7½	6½ @ 7½	6½ @ 6½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. @ 68
Red Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	@ 18
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" @ 20
Black, lamp,	15 @ 25	15 @ 25	8 @ 30	16 @ 25
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw) (℔ *gal.*)	56 @ 58	57 @ 59	53 @ 54	@ 58
" " boiled	59 @ 61	60 @ 62	57 @ 58	@ 61
Turpentine	47 @ 48	49 @ 52	49½ @ 50½	@ 47
Varnish, coach	@	1 50 @ 6 00	1 25 @ 2 00	@ 2 25
Shellac	@	2 50 @ 3 00	2 25 @ 4 00	@ 2 90
Putty	2	2 @ 4	02 @ 02½	@ 2
Whiting (℔ *cwt.*)	78 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.,)	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Litharge, Am	5½ @ 6	5½ @ 6½	6½ @ 7½	6 @ 6½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	@ 14
Umber, "	14 @ 20	14 @ 20	2 @ 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) **Spikes,** (*wrought.*)	@ 2 85		2 15 @	pr. kg @ 2 60
10d. common	@ 2 60	@ 2 30	@ 2 25	@ 2 20
Shingle	@ 3 35	@ 2 80	@ 2 75	@ 2 70
Lath	@ 4 85	@ 3 70	@ 3 65	4 50 @ 5 50
Finishing nails according to size.)			Add .85 to $1.15	per lb 11 @ 14
(For casing nails add 75c. per keg.)			" .50 to .90	Add pr cask
Butts: 4″ x 4″ (℔ *doz. pairs.*)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 16
Japanned	@ 1 50	@ 1 75	*Not sold.*	1 75 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 75 @ 2 00
Ball Tip, Boston Finish. (℔ *pair.*)	@ 65	@ 50	*Not sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 45
Brass (for cupboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony				@ 35
Apple wood				37 @ 1 00
Knobs: (℔ *Set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hemacite	*Not sold*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 2 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 %	22 @ 35
Sheet Lead		@ 7½		
Lead Pipe		@ 6½		
Iron:				
I-Beams, 4p to and including 30 ft.	3 3-10 @ 3½	2 8-10 @ 3	@ 4	3 @ 3-3-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance	@		@ 4	@ 3 55
Channel-Beams	3 3-10 @ 3½	3 3-10 @ 2½	@ 4	@ 3 75

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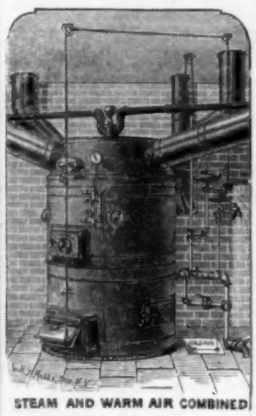

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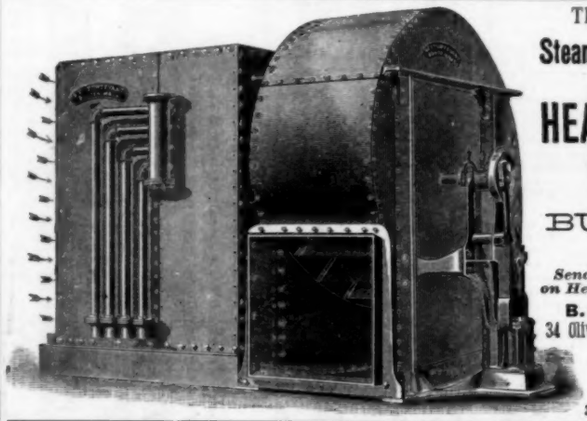

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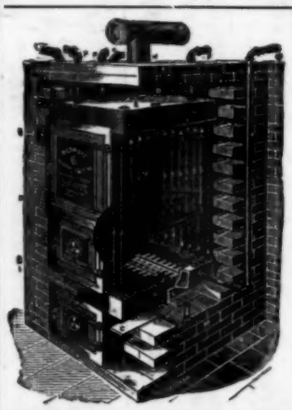

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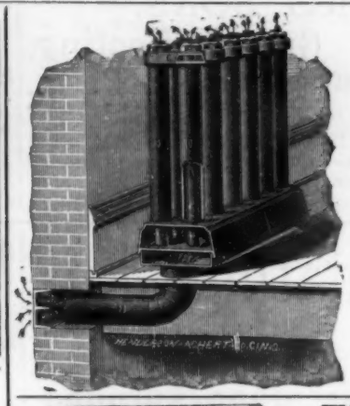

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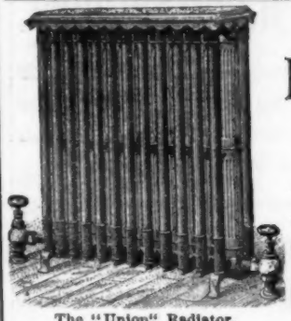

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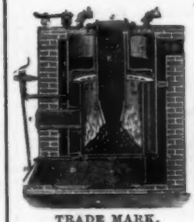

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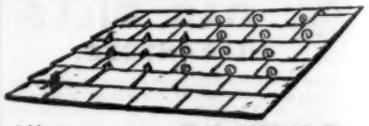

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We ask attention this week for the advertisement of Mr. George Hayes on page iii. This gentleman first placed his advertisement in this journal, February 12, 1876, and has kept it ever since that time before our readers. An advertising connection of such length bears indirect testimony to the value of the goods, as the advertising of unprofitable wares is usually of short duration.

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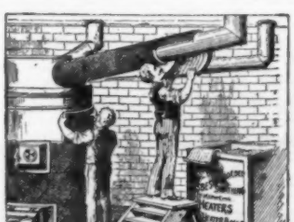

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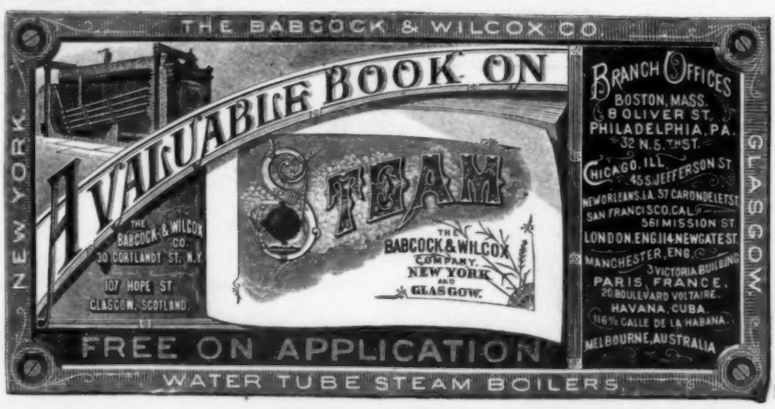

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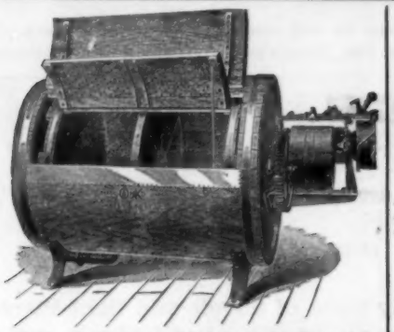

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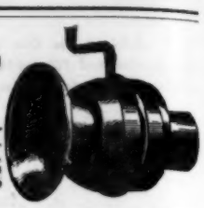

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Philadelphia, Pa.—*South Second St., No.* 520, Fitzgerald & Bradly will make front alteration to dwell.

Market St., No. 427, additions of third and fourth story will be made to store; builder, Robert W. Strode, 2131 Vine St.

Master St., cor. Thirty-first St., John Kramer & Son, 1314 North Front St., will make front alterations.

East Cumberland St., No. 140, front and interior alterations to dwell.; builder, Thomas Lindsay, 2008 East Cumerland St.

Columbia Ave., No. 1715, front alterations and new kitchen will be built to dwell. by Chas. Bossert, 2114 Marshall St.

Twenty-first St., w s, bel. Filbert St., addition to coal office; owners, Pennsylvania R. R. Co., cor. Filbert and Broad Sts.

Montgomery Ave., No. 2200, an 18′ store front; owner, William Kutz, 1637 North Eleventh St.

Maplewood Ave. and Green St., interior alteration; owner, William J. Pendleton, Weiss St.

South Sixth St., No. 318, front and interior alterations; contractors and builders, Dahl & Kidd, 132 Bainbridge St.

Cumberland St., No. 2604, one-st'y brick kitchen; owner, Charles Hawes.

Columbia Ave., No. 2006, store front; owners, William W. Binder & Son, 1909 Cumberland St.

Vassar St., w s, bet. Terrace and Cresson Sts., side stone addition to dwell.; owner, Mrs. Charlotte Stubley.

Market St., No. 1233, two-st'y addition to store; owner, John C. Kelley, 1218 Brown St.

South Broad St., No. 16, one-st'y for store; owner, John C. Kelley.

McClellan St., No. 1114, one-st'y brick back building; owner, George W. Morris.

North Thirtieth St., No. 866, one-st'y brick kitchen; owner, Joseph Rissen, 866 North Thirtieth St.

BUILDING INTELLIGENCE.

Twenty-seventh St., w s, ab. Jefferson St., one-st'y brick bottling establishment; owner, John R. Wiggins, 2509 West College Ave.

APARTMENT-HOUSES.

Boston, Mass.—*Huntington Ave., No.* 639, *and Worthington St.*, Ward 22, four-st'y brick apartments, flat roof, 20′ x 80′; owner, Martha Stanley; builders, Holmes Bros.

Commonwealth Ave., Nos. 308-310, Ward 11, six-st'y brick apartments, flat roof, 50′ x 104′ 6″; owner, G. W. Nason; builder, T. R. White.

Westland Ave., near West Chester Park, Ward 22, four-st'y brick apartments, flat roof, 24′ x 81′; owner, N. E. O. Sullivan; builders, Sullivan Bros.

Westland Ave., near West Chester Park, Ward 22, four-st'y brick apartments, flat roof, 24′ x 81′; owner and builder, S. Stubbs.

Brooklyn, N. Y.—*Heyward St., Nos.* 106-108, 2 four-st'y brick flats, tin roofs; cost, each, $7,000; owner and builder, Jno. J. Brennan, 102 Heyward St.; architects, D. Acker & Son.

Union St., s s, 150′ w Ninth Ave., six-st'y brick and brownstone apartment, tin roof; cost, $65,000; owner, architect and builder, C. B. Sheldon, 158 Seventh Ave.

Chicago, Ill.—L. M. Bernheisel, two-st'y flats, Dearborn St.; cost, $4,000; architects, Hines Bros.

H. Nieternik, three-st'y flats, West Twelfth St.; cost, $5,500; architect, A. Bessler.

C. H. Chnitz, three-st'y flats, Colorado Ave.; cost, $3,000; architect, Holman.

R. Latholz, three-st'y flats, Indiana St.; cost, $7,000; architect, T. Karls.

Mrs. B. Madagan, two-st'y flats, Twenty-eighth St.; cost, $2,500; architect, J. F. Warner.

Mrs. G. Olson, three-st'y flats, North Centre Ave.; cost, $6,000; architect, M. Anderson.

New York, N. Y.—*Grand Boulevard*, n w cor. Seventy-seventh St., five-st'y stone and brick flat; cost, $125,000; owner, Selig Steinhardt; architects, A. B. Ogden & Son.

Fifty-ninth St., n s, 175′ e Ninth Ave., 4 five-st'y brick flats, tin roofs; cost, $30,000; owner, George Erdmann, 1656 Broadway; architects, A. B. Ogden & Son, 1031 Madison Ave.

One Hundred and First St., n w cor. Ninth Ave., 5 five-st'y brick, stone and terra-cotta flats; cost, $75,000; owners, Burchell & Hodges; architects, Rentz & Lange.

Seventy-sixth St., n w cor. Boulevard, five-st'y brick flat, tin roof; cost, $100,000; owner, Dore Lyon, 321 West One Hundred and Thirty-sixth St.; architect, E. L. Angell, 94 Liberty St.

Thirty-third St., n w cor. Lexington Ave., 3 five-st'y brick flats, tin roofs; cost, $130,000; owner, George Endmann, 1656 Broadway; architects, A. B. Ogden & Son, 1031 Madison Ave.

Stanton St., s s, 25′ w Clinton St., five-st'y brick flat, tin roof; cost, $20,000; owner, John Schreimer, 1843 Madison Ave.; architects, Kurtzer & Rohl, cor. Seventh St. and Third Ave.

Sixty-fifth St., s s, 300′ w Eighth Ave., 6 five-st'y brick flats, tin roofs; cost, $78,000; owner, John Livingston, 130 East Seventy-first St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

CHURCHES.

Bar Harbor, Me.—Stone church, 40′ x 73′, for Congregational Society; cost, abt. $15,000; builder, Asa P. Hodgkins; architect, Wm. R. Emerson, Boston.

Frame church, 50′ x 57′, for Unitarian Society; cost, abt. $12,000; builder, John Clark; architect, Wm. R. Emerson, Boston.

Brooklyn, N. Y.—*New York Ave.*, s e cor. Dean St., one-st'y brick church, tin and slate roof; cost, $71,600; owners, New York Ave. Methodist Episcopal Church; architects, J. C. Cady & Co.; builders, J. H. Stevenson & Son and W. S. Wright.

Camden, N. J.—*Atlantic Ave.*, s s, e Louis St., one-st'y frame church; builder, George W. Miller, 713 Berkley St.

New York, N. Y.—*Tenth Ave.*, n e cor. One Hundred and Fifth St., the West End Presbyterian Church will build a church edifice.

Hudson, Clarkson and Leroy Sts., a chapel and school-house is to be erected by the Trinity Church Corporation.

FACTORIES.

Boston, Mass.—*Chelsea St., Nos.* 207-215, Ward 1, frame factory, flat roof, 50′ x 100′; owners, N. E. Steam Cooperage Co.; builder, I. G. Caswell.

Brooklyn, N. Y.—*Schenck St., No.* 100, w s, two-st'y brick organ factory, tin roof; cost, $3,000; owner and architect, Ruben Midman, Plainfield, N. J.; mason, W. Bulkley; contractors, Miller & Howe.

Chicago, Ill.—L. P. Mounast, four-st'y factory, Green St.; cost, $12,000; architects, Fromann & Jebson.

J. Press, two-st'y factory, North Halsted St.; cost, $8,000; architect, H. Rehwoldt.

Philadelphia, Pa.—*Carpenter St.*, n s, bet. Twelfth and Thirteenth Sts., three-st'y brick factory; owner, James Hamilton, 1402 Bainbridge St.

HOUSES.

Baltimore, Md.—Rudolph Petowsky, three-st'y brick building, n s Sugar Alley, bet. Charles and Hanover Sts.

J. Frank Griffin, 4 two-st'y brick buildings, e s Wolfe St., s s, n Hoffman St.

J. C. Parker, three-st'y brick building, w s Madison Ave.; and 5 three-st'y brick buildings, e s McCulloh St., s Gold St.

Aug. Hannemann, 7 two-st'y brick buildings, e s Port Alley, s Monument St.

Jos. M. Cone, 2 three-st'y brick buildings, w s Eutaw Pl., bet. Laurens and Robert Sts.

Boston, Mass.—*Bowe St.*, near Forbes Ave., Ward

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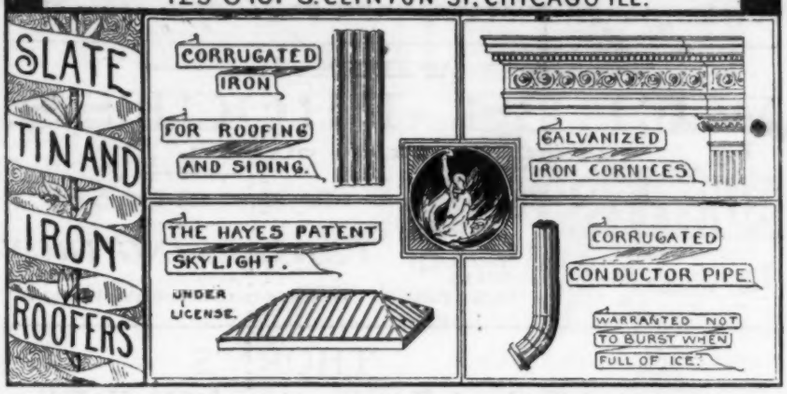

BUILDING INTELLIGENCE.

23, frame dwell., 22′ x 30′; owner, S. J. McDougal; builder, M. Sullivan.

Blue Hill Ave., No. 225, Ward 21, three-st'y frame dwell., flat roof, 24′ x 48′; owner, Bernard Foley.

Pond St., near Centre St., Ward 23, three-st'y frame dwell., flat roof, 24′ 6″ x 52′; owners, R. W. & F. F. Pratt; builder, A. A. Brown.

Hurlburt St., near Regent St., Ward 21, three-st'y frame dwell., flat roof, 24′ x 42′ 6″; owner, J. E. Burke; builder, V. Bock.

Marcella St., Nos. 101-105, Ward 21, 3 three-st'y frame dwells., flat roofs, 19′ x 37′; owner and builder, J. B. Mulvey.

Beech Glen St., near Highland St., Ward 21, 3 two-st'y frame dwells., 25′ x 32′; owner and builder, J. S. D'Arcey.

Pond St., near Centre St., Ward 23, three-st'y frame dwell., flat roof, 22′ 6″ x 52′; owners, Mrs. R. W. & F. S. Pratt; builder, A. A. Brown.

Creighton St., No. 40, Ward 22, three-st'y frame dwell., 24′ x 40′; owner, T. McLaughlin; builder, L. T. Lyon.

Westville St., near Geneva Ave., Ward 24, frame dwell., 21′ x 47′; owner, Mary Anderson; builder, A. Spence, Jr.

Washington St., Nos. 656-658, cor. Brent St., Ward 24, three-st'y frame dwell. and store, flat roof, 22′ 8″ x 45′; owner, J. Whitten; builder, A. B. Sherman.

Codman Pl., rear Washington St., No. 2956, Ward 21, frame dwell., 12′ x 31′; owner, Mrs. S. Strong; builder, John Strong.

Cornwall St., near Washington St., Ward 23, frame dwell., 24′ x 30′; owner, N. J. Miller; builder, M. A. Blanchard.

Robeson St., near Forest Hill St., Ward 23, frame dwell., 28′ x 59′; owner, E. B. Mayo; builder, J. H. Kellar.

Washington St., near Forest Hill St., Ward 23, three-st'y frame dwell., flat roof, 22′ 6″ x 39′ 6″; owner, J. McGuire; builder, J. J. Flynn.

Atherton St., near Copley St., Ward 23, frame dwell., 23′ x 30′; owner, Sarah J. Dakin; builder, J. L. Dakin.

Oak View Ave., near Marcella St., Ward 21, two frame dwells., 22′ x 36′; owner, Catherine Dromey; builder, W. W. Dromey.

Sydney St., near Hartland St., Ward 24, frame dwell., 24′ 6″ x 37′; owner, J. H. Beale; builder, T. L. Barlow.

Saunders St., near opp. Guilford St., Ward 25, two frame dwells., 26′ x 29′ 6″; owners, H. Baldwin and D. Baldwin; builder, A. C. Frazer.

Brooklyn, N. Y.—*Fulton Ave.*, s s, 22′ e Hemlock St., two-st'y frame dwell., tin roof; cost, $3,800; owner and contractor, Bertil O. Gronen.

St. Marks Ave., n s, 240′ w Bedford Ave., three-st'y brick and brownstone dwell., gravel roof; cost, $6,000; owner, Mary E. Fowler, 181A Halsey St.; architect, F. M. Fowler; builder, L. Fowler.

Powers St., Nos. 206-208, three-st'y frame (brick-filled) dwell., tin roof; cost, $3,000; owner and builder, Frederick Schau, 112 Cedar St.; architect, Th. Engelhardt.

Cooper St., n s, 300′ e Central Ave., 3 two-st'y frame (brick-filled) dwells., tin roofs; cost, each, $2,700; owner, Edward J. Mott, 189 Cooper St.; architect, H. W. Billard; builder, not selected.

Arlington Ave., s s, 49′ w Ashford St., 2 two-and-one-half-st'y frame dwells., tin roofs; cost, each, $1,700; owner, T. Everett, 32 Ferry St., New York; architect and contractor, W. C. Anderson; mason, H. M. Smith.

Schenck Ave., w s, 160′ n Hegeman Ave., 3 two-st'y frame dwells., tin roofs; cost, each, $2,000; owner and contractor, G. W. Woods, 697 Jefferson Ave.; architect, E. Woods.

Penn St., s s, 75′ w Harrison Ave., three-st'y brownstone dwell., tin roof; cost, $6,500; owner and builder, Matthias Beck, 263 Rutledge St.; architect, Th. Engelhardt.

Evergreen Ave., e s, 22′ 2″ s Palmetto St., three-st'y frame (brick-filled) dwell., tin roof; cost, $4,500; owner and builder, Jeanetta Frazer, cor. Evergreen Ave. and Palmetto St.; architect, Th. Engelhardt.

Greene Ave., s s, 92′ e Lewis Ave., 6 two-st'y brownstone dwells., gravel roofs; cost, each, $5,000; owner and builder, E. Eden, 194 Broadway, New York; architect, J. L. Young.

Camden, N. J.—*Mechanic St.*, e Sixth St., 4 two-st'y frame dwells.; owners, H. M. and W. J. Cooper, 633 Cooper St.

Sixth St., bet. Division and Haines Sts., 3 two-st'y brick dwells.; owner, James S. White.

Lawrence St., e Ninth St., 10 two-st'y brick dwells.; owner, W. T. Mead.

BUILDING INTELLIGENCE.

Fillmore St., bel. Jackson St., two-st'y frame dwell.; owner, George Patton, 545 Jackson St.

Sycamore St., e Orchard St., frame dwell.; owner, Theodore Witherspoon, Liberty Park.

Ray St., s Elm St., 5 two-st'y brick dwells.; owner, C. W. Cox.

Tenth St., n w cor. Boulson St., two-st'y frame dwell.; owner, James Brown, Tenth St. and Ferry Rd.

Chicago, Ill.—Mrs. Mary White, two-st'y dwell., West Congress St.; cost, $3,000; architect, J. J. White.

M. Smith & Co., 16 two-st'y dwells., West Ohio St.; architect, L. Gordon.

A. Mendal, 2 three-st'y dwells., Grand Boulevard; cost, $18,000; architects, Wilson, Marble & Lawson.

Cohasset, Mass.—Frame dwell., 64′ x 112′ 6″; cost, abt. $40,000; owner, J. S. Kendall; builders, Heywood Bros., Weymouth; architect, W. R. Emerson, Boston.

Hingham, Mass.—Frame dwell., 40′ x 80′; cost, abt. $12,000; owner, E. A. Hills; builder, Wm. J. Nelson; architect, Wm. R. Emerson, Boston.

Little Rock, Ark.—Orloph & Kusmar are preparing plans for a few dwells. for R. E. Douglass.

Manayunk, Pa.—*Levering St.*, opp. Blair St., two-st'y brick dwell.; owner, Sylvester Markley, 527 East Jefferson St.

Minneapolis, Minn.—J. Swenson, frame dwell., Border Ave.; cost, $4,000.

O. Oleson, frame dwell., Riverside and Twenty-seventh Aves.; cost, $3,000.

W. H. Lang, frame dwell., Chicago Ave., near East Twenty-eighth St.; cost, $4,000.

H. Parsons, frame dwell., Stevens Ave., bet. East Thirty-first and Thirty-second Sts.; cost, $3,000.

J. F. Crichton, frame dwell., Clinton Ave., near Lake St.; cost, $3,000.

L. F. Linden, frame dwell., Stevens Ave., near Thirty-eighth St.; cost, $3,000.

I. C. Roberts, three frame dwells., Bryn Mawr Park; cost, $39,000.

J. C. Gjertsen, frame dwell., Sixteenth Ave., opp. Eighteenth St.; cost, $6,000.

O. E. Spear, frame dwell., Sixteenth St., bet. Park and Chicago Aves.; cost, $4,000.

J. Oswald, frame dwell., 2637 Aldrich Ave., n; cost, $3,000.

J. Skoolheim, frame dwell., G Ave., bet. East Thirty-second and Thirty-third Sts.; cost, $3,500.

Nicetown, Pa.—*Clara St.*, bet. Seventeenth and Eighteenth Sts., two-st'y dwell.; owner, Albert Sweetman, 1838 Bruner St.

New York, N. Y.—*Seventy-fourth St.*, n s, 281′ w Central Park West, 2 four-st'y dwells.; owner, F. Aldhous; Messrs. Cunningham & Ehrich will build on the adjoining two lots.

Eighty-seventh St., n s, 225′ w West End Ave., 5 three-st'y brownstone dwells.; owners, Dunn Bros.; architect, F. A. Minuth.

Ninety-fifth St., n s, 345′ w Eighth Ave., 4 three-st'y brick dwells., tin roofs; cost, $42,000; owner, Henry J. Anderson, 57 Broadway; architect, W. P. Anderson, cor. Ninety-third St. and Ninth Ave.

Fourth Ave., e s, 25′ n Ninety-second St., 4 three-st'y brick dwells., tin roofs; cost, $40,000; owner, Andrew J. Kerwin, 82 East Ninety-second St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Philadelphia, Pa.—*Seventy-eighth St.*, s e cor. D St., two-st'y dwell.; builder, Geo. B. Heath, cor. Eighty-eighth St. and Erwig Ave.

Forty-seventh St., e s, n Chester Ave., 3 three-st'y brick dwells.; owner, W. S. Kimball, 404 South Forty-second St.

Ludlow St., s s, w Fifty-seventh St., 16 two-st'y brick dwells.; owner, Wm. A. Arthurs, cor. Market and Fifty-second Sts.

Sixteenth St., e s, ab. York St., 16 two-st'y brick dwells.

York St., n s, ab. Sixteenth St., 2 two-st'y brick dwells.

Maple Ave., w s, 13 two-st'y brick dwells.; builder, Lemuel S. White, 2327 North Fifteenth St.

Stella Ave., n s, and Ann St., s s, 49 two-st'y dwells.; owners, C. C. Moore & Co., 2001 North Broad St.

Federal St., s s, w Twenty-sixth St., 14 two-st'y dwells.; owner, Edward Shoemaker, 1736 North Twenty-second St.

Monokin St., bel. Norris St., three-st'y brick dwell.; builder, Andrew M. Conneen, 1256 North Tenth St.

Trinity Pl., e s, bet. Forty-eighth and Forty-ninth Sts., 8 three-st'y dwells.; owner, Jos. D. Arthur, 1803 North Twelfth St.

Fifty-sixth and Ludlow Sts., three dwells.; owner, George St. Benson, Fifty-sixth and Locust Sts.

Osage Ave., n s, bet. Forty-third and Forty-fourth Sts., 8 three-st'y brick dwells.; owner, Thomas Marshall, 313 North Forty-second St.

Seventeenth and Moore Sts., n e, 4 two-st'y brick dwells.; owner, William Blair, 2050 Reed St.

Stullman St., bel. Oxford St., three-st'y dwell.; owner, John Atkinson, 2501 North College Ave.

Benner and J Sts., two-st'y dwell.; owner, Thos. Hasemeier, n w cor. Palethorp and Huntingdon Sts.

Seventeenth St., n e cor. Latimer St., 2 three-st'y brick dwells.; owners, J. E. & A. L. Pennock, 305 Walnut St.

Fifty-seventh St., n s, Westminster Ave., two-st'y brick dwell.; owner, Peter Shields, 2320 Own St.

Palethorp St., ab. Diamond St., 3 two-st'y brick houses; owner, Patrick Hughes, 147 West Huntingdon St.

Providence, R. I.—*Hudson St.*, frame dwell.; cost, $2,500; owner, S. Tourtellot.

Plum St., frame dwell.; owner, M. Kelly; builder, J. Cannon.

Comstock St., cor. Taylor St., two frame dwells.; owner, S. S. Sprague; architect, W. H. Colwell; builder, J. C. Peck.

Ives St., cor. Transit St., frame dwell.; cost, $3,000; owner, M. Gillian; builder, A. A. Cyr.

Public St., two frame dwells.; cost, $4,000; owner, Sarah Covill; builders, Presbrey & Myric.

Walpole, Mass.—Frame dwell., 50′ x 80′; cost, abt. $20,000; owner, H. E. Briggs; builders, Flannagan Bros.; architect, Wm. R. Emerson, Boston.

OFFICE-BUILDINGS.

Minneapolis, Minn.—Northwest Guarantee Loan Co., twelve-st'y fireproof office-building; cost, $1,250,000; Mix & Co., architects; B. Aronson, stonework; H. N. Leighton & Co., woodwork.

New York, N. Y.—*Wall St., No.* 33, nine-st'y brick office-building, terra-cotta and brick roof; cost, $300,000; owner, Mechanics' National Bank, 148 West Fifty-seventh St.; architect, Chas. W. Clinton, 32 Nassau St.

PUBLIC BUILDINGS.

Minneapolis, Minn.—Library Board of Minneapolis, finishing library-building, cor. Hennepin Ave. and Tenth St.; cost, $45,000.

City-Hall and County Commissioners, five-st'y fireproof city-hall and court-house; cost, $2,000,000; architects, Long & Kees; contracts not let.

SCHOOL-HOUSES.

Minneapolis, Minn.—Trustees Lutheran Seminary, four-st'y brick seminary, Parkdale Addition; cost, $40,000.

STABLES.

Germantown, Pa.—*Chelten Ave. and Chew St.*, two-st'y brick stable; owner, Dr. C. W. Plass.

New York, N. Y.—*Lexington Ave.*, e s, One Hundred and Twenty-ninth to One Hundred and Thirtieth Sts., two-st'y brick stable, gravel roof; cost, $100,000; owners, Third Avenue R. R. Co., 136 West Sixty-first St., architects, Jno. B. Snook & Son, 12 Chamber St.

Philadelphia, Pa.—*Lee St., No.* 3423, brick stable; owner, M. Linehauer, 2814 Mascher St.

Tyson St., e s, ab. Cumberland St., two-st'y stable; owner, D. C. Schuler, 2327 North Sixth St.

STORES.

Boston, Mass.—*Boylston St., No.* 93, cor. Church St., Ward 11, four-st'y brick mercantile building, flat roof, 22′ 6″ x 64′; owner, H. L. Perry.

Brooklyn, N. Y.—*Sumner Ave.*, w s, 20′ s Putnam Ave., 4 four-st'y brick stores and tenements, gravel roofs; cost, each, $5,000; owner, Geo. R. Brown, 26 Court St.; builders, L. E. Brown and J. F. Kentana.

Sumner Ave., w s, cor. Putnam Ave., four-st'y brick store and tenement, gravel roof; cost, $5,000; owner, etc., same as last.

Harrison Ave., s w cor. Penn St., 3 four-st'y brick stores and tenements, tin roofs; total cost, $27,000; owner and builder, Matthias Beck, 263 Rutledge St.; architect, Th. Engelhardt.

Third Ave., w s, 60′ s Fifty-second St., 2 three-st'y frame stores and dwells., tin roofs; total cost, $4,200; owners and contractors, Spence Bros., Third Ave. and Fifty-second St.

Knickerbocker Ave., s w cor. Gates Ave., 5 three-st'y frame (brick-filled) stores and tenements, tin.

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BUILDING INTELLIGENCE.

roofs; total cost, $23,000; owner and builder, John Miller, 839 Broadway; architect, Th. Engelhardt.

Fulton Ave., s e cor. Hemlock St., two-st'y frame store and dwell., tin roof; cost, $3,000; owner and contractor, Bertil O. Gronen, 464 Bergen St.

Chicago, Ill.—E. S. Fishburn, five-st'y store, Michigan Ave.; cost, $18,000; architects, Burling & Whitehouse.

Little Rock, Ark.—Four-st'y store, brick, stone and iron front, all modern improvements; cost, $30,000; owner, John G. Fletcher; architects, Orlopp & Kusmar; mason, Pat Powers; all other work by the day.

Two-st'y store, brick, stone and iron front, all modern improvements; cost, $15,000; owner, same as above; architects, Orlopp & Kusmar; mason, Pat Powers; rest of work by day.

T. Harding, architect, is preparing plans for a new store-building for Wolf Bros., to be located on Main St.

Minneapolis, Minn.—Haywood & Boshard, store, Fiftieth St. and Fortieth Ave., s; cost, $3,500.

Howard A. Turner, five brick stores, cor. Nicollet Ave. and Seventh St.; cost, $15,000.

New York, N. Y.—*South Fifth Ave., Nos.* 191-193, five-st'y brick store, tin roof; cost, $20,000; owner, Frank A. Seitz, 315 East Forty-second St.; architect, Fr. S. Barus, 555 East One Hundred and Thirty-sixth St.

South Fifth Ave., No. 189, three-st'y brick store, tin roof; cost, $6,000; owner, Francis George, 373 Garden St., Hoboken, N. J.; architect, Fr. S. Barus, 555 East One Hundred and Thirty-sixth St.

Philadelphia, Pa.—*Lancaster Ave., No.* 4054, brick store and dwell.; builders, Hasson & Baldwin, 58 North Thirty-sixth St.

Broad St., s e cor. Rodman St., store and greenhouse; owner, S. W. Boerner, 1320 Reed St.

TENEMENT-HOUSES.

Brooklyn, N. Y.—*Jefferson St.*, n s, 100′ w Knickerbocker Ave., 2 three-st'y frame (brick-filled) tenements, tin roofs; total cost, $9,000; owner and builder, John Haas, 105 George St.; architect, Th. Engelhardt.

Chauncey St., s s, 300′ e Stuyvesant Ave., three-st'y frame (brick-filled) tenement, tin roof; cost, $4,500; owner, Patrick McEvoy, 34 Warren St.; builder, A. Klein.

Debevoise St., Nos. 123-125, 2 three-st'y frame (brick-filled) tenements, tin roofs; cost, each, $3,200; owner and builder, Christopher Engert, 182 Montrose Ave; architect, F. J. Berlenbach, Jr.

Minneapolis, Minn.—E. F. Webster, brick tenement, Nicollet Ave., near Seventeenth St.; cost, $35,000.

WAREHOUSES.

New York, N. Y.—*Bleecker St., Nos.* 97-99, six-st'y brick, stone, and iron warehouse; cost, $115,000; owners, H. & J. Meinhard; architects, A. Zucker & Co.

MISCELLANEOUS.

Boston, Mass.—*Summer St., Nos.* 79-85, Ward 2, three-st'y frame machine-shop, flat roof, 35′ x 180′; owners, Lockwood Mfg. Co.; builder, N. J. Mead.

Centre St., near Corey St., Ward 23, frame clubhouse, hip roof, 34′ x 60; owners, Highland Club Association; builder, C. McKay.

Pynchon St., No. 159, Ward 21, three-st'y frame mechanical building, flat roof, 30′ x 60′; owner, G. M. Phinney; builder, R. D. Ward.

River View Ave., near Adams St., Ward 24, two-st'y brick mechanical building, flat roof, 34′ x 80′; owner, C. G. Chase; builder, T. F. Cleverly.

Camden, N. J.—*State St.*, bet. Ninth and Tenth Sts., Camden Woolen Mills Co. are building a brick dye-house.

Kaighns Point Terminal R. R. Co. are building several sheds and frame office for business purposes.

Detroit, Mich.—Michael Blay & Son, three-st'y brick medical college, cor. Antoine and Mullett Sts.; cost, $26,000.

Frankford, Pa.—*Orthodox St., No.* 154, one-st'y building; owner, W. McGregor, 4210 Penn St.

Germantown, Pa.—*Mill St.*, bet. Hancock and Amber Sts., one-st'y stone carpenter-shop; owner and builder, Wm. S. McNabb, 208 Mill St.

Minneapolis, Minn.—J. Briggs, saw-mill, Marshall St., near Twenty-sixth Ave., n e; cost, $25,000.

Edison Electric Light Co., fireproof building (the superstructure), Hennepin Ave., bet. Fourth and Fifth Sts.; cost, $50,000.

New York, N. Y.—*Pier 25, North River*, one and two-st'y iron storage-shed, peak, iron, and tin roof; cost, $75,000; owner, Southern Pacific Co., 23 Broad St.; architect, Geo. B. Mallory, 55 Broadway.

East Fourteenth St., Nos. 12-14-16, a five-st'y brick, stone, and terra-cotta building, the first two stories of granite and iron, is to be built for the Springer estate; cost, $100,000; architect, B. Simon.

For the city of New York, two public baths; cost, abt. $25,000; architect, Douglas Smyth.

Philadelphia, Pa.—*Race St., No.* 1127, one-st'y brick shop; owner, R. B. Clark, 790 Pennock St.

Seventh St., e s, ab. Huntingdon St., two-st'y brick office-building; builders, Stewart Bros., 2527 North Fifth St.

Levin St., w of Twenty-second St., four-st'y drying-house; owner, Columbus Frond, 121 Claymont St.

Lawrence St., s e cor. Ontario St., two-st'y dye-house; owners, Wm. H. Lorimore, Son & Co., 2631 Emerald St.

Green St., No. 441, one-st'y brick boiler-house; owner, Henry Wampole, 418 Arch St.

A refrigerator building will be built, adjoining the abattoir at the Philadelphia Stock Yard; builders, Stacy Reeves & Sons, 1611 Filbert St.

BUILDING INTELLIGENCE.

Twenty-third and Huntingdon Sts., brick ice-house; owner, Chas. Chrisman, Twenty-seventh and Huntingdon Sts.

Gaul St., No. 2311, one-st'y building; owner, Geo. Burton, 2218 Cedar St.

Pine Bluff, Ark.—Site and $15,000 has been donated by J. E. Melville, Esq., for the building of a public library, gymnasium, etc.

COMPETITION.

CITY-HALL. [At Lowell, Mass.]

Competitive sketches will be received **up to March 15, 1889**, for new City-Hall and Library Building for the City of Lowell, Mass.

For conditions of competition, plan of lot, etc., apply to the Mayor's office, Lowell, Mass. 681

PROPOSALS.

January 8th, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 26th day of January, 1889, for the labor and materials required in the erection and completion of the low-pressure, return-circulation, steam-heating and ventilating apparatus for the United States Post-Office, etc., building at Reading, Pa., in accordance with the specification and drawings, copies of which, with other necessary information, may be seen on application at this office; the office of the Superintendent; the Builders' Exchanges at Baltimore, Md., and Cincinnati, O.; Builders' and Traders' Exchange, Chicago, Ill.; the Mechanics' and Traders' Exchange, New York City; and the Master Builders' Exchange at Philadelphia, Pa. Each bid must be accompanied by a certified check for $300. Upon receipt at this office of a post-office money-order, in amount $3, drawn to the order of the Treasurer of the United States, parties will be furnished with copies of the specification and drawings. WILL. A. FRERET, Supervising Architect. 681

BRONZE CASTINGS. [At Cleveland, O.]

OFFICE OF THE EXECUTIVE COMMITTEE OF THE BOARD OF COMMISSIONERS, CUYAHOGA COUNTY, SOLDIERS' AND SAILORS' MONUMENT, CLEVELAND, O., January 3, 1889.

Sealed proposals will be received by the Executive Committee **until 12 o'clock M. on Wednesday, January 23, 1889**, from bronze founders actually engaged in the business, for the bronze castings and other work pertaining thereto, to wholly complete and set in place on the site selected in Cleveland, O.,

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PROPOSALS.

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J. B. MOLYNEAUX,
LEVI T. SCOFIELD,
682 Executive Committee.

PROPOSALS.

Y. M. C. A. BUILDING.
[At Providence, R. I.]

PROVIDENCE, R. I., January 7, 1889.

Sealed proposals for the erection of the Y. M. C. A. Building, on the corner of Westminster and Jackson Streets, Providence, R. I., will be received **until 12 M., Monday, February 4, 1889,** at the office of Stone, Carpenter & Willson, architects, 65 Westminster Street, where the plans and specifications may be seen and information obtained by bidders.

The right to reject any and all bids is reserved.

G. W. R. MATTESON,
BENJAMIN F. ARNOLD,
A. B. McCRILLIS,
H. N. CAMPBELL, JR.,
EUGENE W. MASON,
} Committee on Plans.

January 5, 1889. Sealed proposals will be received at the Office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 26th day of January, 1889, for the labor and materials required in the erection and completion of the low-pressure, return-circulation, steam-heating and ventilating apparatus for the United States Court-House and Post-Office at Fort Smith, Ark., in accordance with the specification and drawings, copies of which, with other necessary information, may be seen on application at this office, or the office of the Superintendent; the Builders' Exchanges at Baltimore, Md., and Cincinnati, O.; the Builders' and Traders' Exchange at Chicago, Ill., and Kansas City, Mo.; the Mechanics' and Traders' Exchange, New York City, and the Mechanics' Exchange, St. Louis, Mo. Each bid must be accompanied by a certified check for $300. Upon receipt at this office of a post-office money-order in amount $3, drawn to the order of the Treasurer of the United States, parties will be furnished with copies of the specification and drawings. WILL. A. FRERET, Supervising Architect.
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January 5, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 5th day of February, 1889, for the labor and materials required in the erection and completion of the Court-House, Post-Office, etc., at Los Angeles, Cal., in accordance with the specification and drawings, copies of which may be seen at this office; the office of the Superintendent; the Builders' Exchanges at Cincinnati, O.; Minneapolis, Minn., and San Francisco, Cal.; Mechanics' Exchange, St. Louis, Mo.; Builders' and Traders' Exchanges, Chicago, Ill.; Denver, Col., and Louisville, Ky., and the Mechanics', Dealers' and Lumbermens' Exchange, New Orleans, La. Each bid must be accompanied by a certified check for $500. The Supervising Architect will furnish a limited number of copies of the specification and drawings at $5 a set, upon receipt of that sum in post-office money-order, drawn to the order of the Treasurer of the United States. WILL. A. FRERET, Supervising Architect. 681

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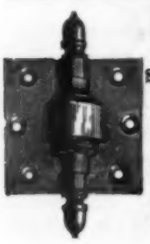

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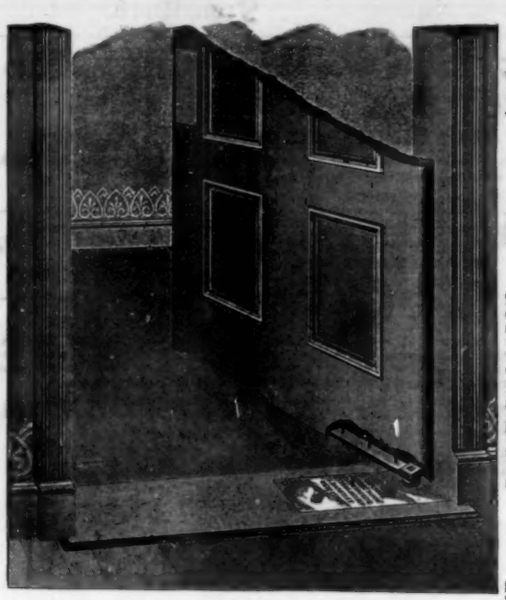

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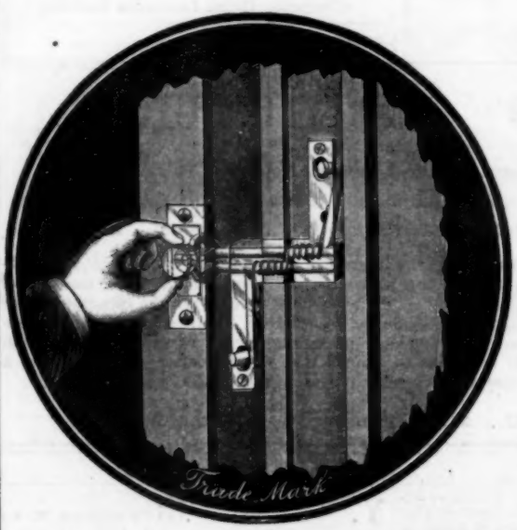

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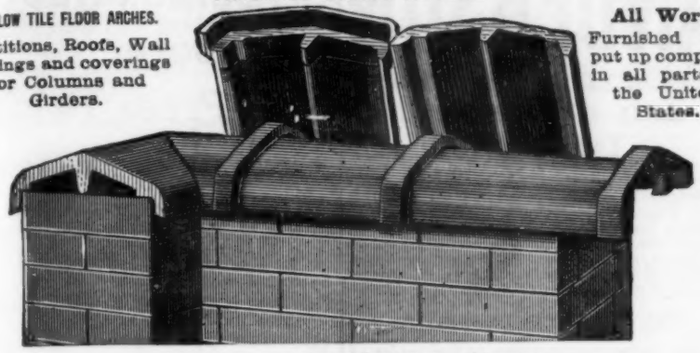

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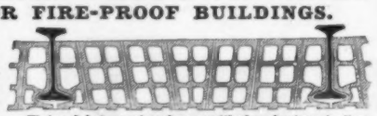

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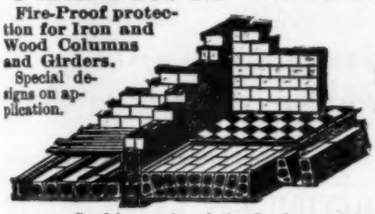

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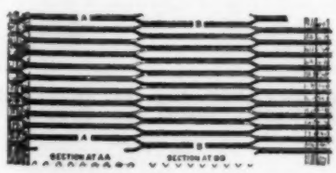

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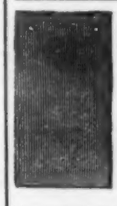

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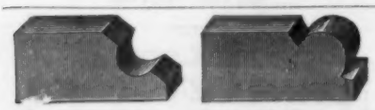

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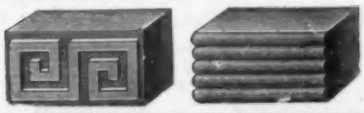

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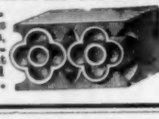

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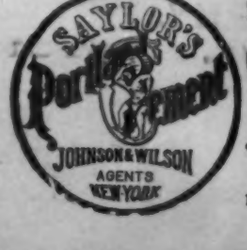

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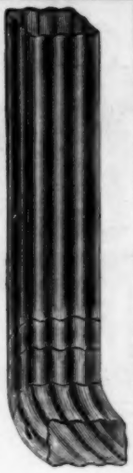

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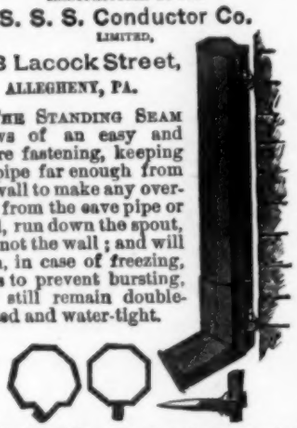

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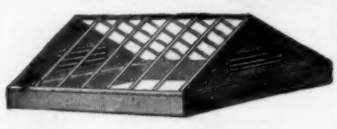

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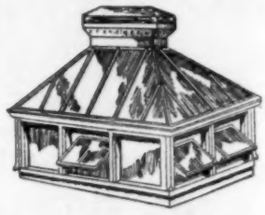

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Spruce	@	15 00 @ 35 00	*Not sold.*	*Not Sold.*
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Pine			13 00 @ 16 30	28 00 @ 32 50
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Hemlock	12 00 @ 16 00	12 50 @ 15 00	10 00 @ 10 50	12 50 @ 13 50
Yellow pine	18 00 @ 21 00	24 00 @ 35 00		26 00 @ 28 00
Laths:				
Pine	@	2 25 @ 2 35	@ 2 20	3 00 @ 3 50
Spruce	@ 2 25	2 25 @ 2 50	*Not sold.*	2 50 @ 3 00
Shingles:				
Pine, shaved P M	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed " "	4 00 @ 5 00	@ 4 50	2 35 @ 2 60	
Spruce, sawed " "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood P 125	1 40 @ 1 60	3 75 @ 4 00	6 50 @ 8 00	
Cedar, split P M			*Not sold.*	30" $35 @ 40
Cedar, sawed " "		2 00 @ 4 00	2 20 @ 2 45	24" 8 @ 21
Cypress. Split. 7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 75 @ 4 25	20" 35 @ 14
Miscellaneous:				11 00 @ 15 00
Piles P ft.	4½ @ 5½	Piles 6c. P ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	12 00 @ 14 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	70 @ 1 25
Chestnut "	@	25 @ 50	*Not sold.*	28 @ 32
Finishing Woods: P M (*Extra Qual.* [*Kiln dried.*)				
Ash	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	45 00
Cherry	80 00 @ 120 00	65 00 @ 120 00	80 00 @ 110 00	75 00 @ 80 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 5500	70 00 @ 80 00
Hard-pine floors (rift)		48 00 @ 50 00		
Mahogany, Baywood [Mexican]	@ 180 00	150 00 @ 160 00	150 00 @ 180 00	150 00 @ 250 00
St. Domingo	@ 350 00	120 00 @ 350 00	220 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	25 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 75 00
" white	@ 70 00	50 00 @ 55 00	35 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 80 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 45 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	30 00 @ 75 00	45 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood P lb	@		@ 7	
Spruce floors (clear, kiln-dried)		30 00 @ 32 00		
Walnut, black	125 00 @ 150 00	80 00 @ 120 00	80 00 @ 110 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	30 00 @ 35 00	25 00 @ 40 00
Yellow pine P M	@ 45 00	40 00 @ 42 00	30 00 @ 35 00	27 50 @ 45 00

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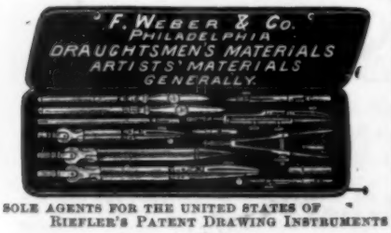

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Common: Cargo afloat.				
Pale	3 00 @ $3 50	Eastern 8 00 @ 8 50	Building Brick 5 50 @ 6 50	Sq. Hard @ 9 50
Jersey	6 00 @ 6 50			" @ 12 00
Long Island		Bay State Hard 9 50		Salmon @ 7 00
Up River	7 00 @ 7 25			Sq. " @ 9 00
Haverstraw Bay 2nd	7 00 @ 7 25	Domestic Com. 9 00 @ 9 50	Indiana Pressed 16 00 @ 22 00	Light Stretchers @ 12 00
" 1st	7 25 @ 7 75	Domestic Face 13 00 @ 20 00	St. Louis Fronts @ 27 00	Medium " @ 14 00
Hollow	@ 13 00	Philadelphia 40 00 @ 45 00		Red " @ 15 00
Fronts		Phila. mould 50 00 @ 80 00		Dark " @ 15 00
Croton, Brown	14 00 @ 15 00		18 00 @ 27 00	Pressed 20 00 @ 24 00
" dark	15 00 @ 16 00		65 00 @ 350 00	Best Paving @ 16 00
" red	15 00 @ 16 00		@ 85 00	second " @ 14 00
Chicago pressed		Glens Falls 25 00 @ 26 00	45 00 @ 50 00	Third " @ 13 00
Chicago Moulded			45 00 @	
Baltimore	37 00 @ 41 00	Glens Falls Mould. 30 00 @ 35 00	25 00 @	
Glens Falls — white	30 00 @ 35 00	35 00 @ 40 00	60 00 @ 100 00	
Philadelphia	27 00 @ 28 00	45 00 @ 60 00	30 @	
Trenton	@ 27 00		35 @	
Milwaukee			55 00 @ 65 00	
Moulded:				
Clark's Glens Falls — Red	25 00 @ 27 00		@ 100 00	Dom. @ @
" — White	30 00 @ 35 00		@ 120 00	@ @
White " Mold	45 00 @ 60 00			
Enamelled: Imp.				
Enamelled (edge.)	85 00 @ 100 00			
Enamelled (edge and end)	90 00 @ 115 00			
CEMENT, LIME, etc.—(₱ cask.)				
Rosendale Cement	1 15 @ 1 25	@ 1 40	*Not Sold.*	1 15 @ 1 50
Louisville "			1 05 @ 1 30	B & S.E. 275 @ 300
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	*Not sold.*	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	@ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 35 @ 2 50	@ 2 85	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	@ 2 85	3 00 @ 3 25	2 85 @ 3 15
" " (Burham)	2 50 @ 2 80	@ 2 85	2 90 @ 3 15	2 85 @ 3 15
" " (White's)	2 65 @ 3 00	@ 2 85	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 35 @ 2 85	3 00 @ 3 50	3 00 @ 3 25	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	2 80 @ 3 15	2 50 @ 2 75
" " (Vorwohler)	2 50 @ 2 90		2 80 @ 3 15	Josson
" " (Lagerdofer)		*Not sold.*	2 75 @ 3 00	2 50 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	2 85 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not Sold.*	2 75 @ 3 00
" " Stettin, (Anchor)	2 35 @ 2 85		*Not Sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 50 @ 2 75
Roman	2 75 @ 3 00	@ 3 20	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	7 00 @ 7 50	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	11 00 @ 12 00	8 00 @ 9 00
Lime.				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime 25 @ 30 ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		White Mass 1 25 @ 150
Chicago Lime in bulk		St. John 1 00	55 @	1 00 @ 1 00
Wisconsin "			60 @	
Rockland and Rockport, (Com.)	@ 1 00	@ 1 05	*Not sold.*	
Rockland and Rockport, finish	@ 1 20	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 80	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing "	@ 1 10	*Not sold.*	*Not sold.*	*Not sold*
Plaster of Paris (calcined.)	1 20 @ 1 25	1 85 @ 1 90	1 85 @ 1 90	1 25 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ bush	18 @ 21	25 @ 30	30 @ 25	22 @ 30
" (Goat)	28 @ 30	@ 30	30 @ 55	30 @ 35
Sand, ₱ load	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 75
STONE. (₱ cubic foot, rough.)				
Granite: (Maine)		@ 60		55 @ 60
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet	@ 1 00		35 @ 55	Richmond
Lemont			35 @ 60	75 @ 1 50
Kentucky			@ 1 00	4 50 ₱ Perch

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Dimension		5 00 ℔ ton	20 @ 2	@ 5 00
Block		4 60 ℔ perch		Conshocken
Rubble		1 25 @ 1 50	8 50 @	1 45 @ 2 50
Stone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 20
Planed	50 @ 6 00	75	50 @ 1 00	45 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		95 @ 1 16
Kibbe	@ 90	90 @ 1 10		
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	
Berea } Ohio	75 @ 1 00	80 @ 90	45 @ 55	55 @ 1 00
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 10 @ 1 40
Caen	@	@ 2 00	"	1 00 @ 1 10
Carlisle. English	@ 1 05	80 @ 90		1 25 @ 1 50
Corse Hill (Scotch)	1 05			95 @ 1 10
Marble (℔ *cu. ft.*)				
Lee, Mass.	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and Blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined	@	50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna	@	3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red	@	1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville	@	85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not sold.*	2,00 @ 3 00
Vermont, white	@	1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate; Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
" " Chapmans	@	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 00 @ 7 50	7 00 @ 9 50	@ 5 35
Tiles, Am. ℔ M.			*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil,* ℔ *lb.*)				
White lead, Am.	7 @ 7½	7 @ 7½	6½ @ 7½	7 @ 7½
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	6½ @ 7
Red lead, Am.,	6½ @ 7	7 @ 7½	6½ @ 7½	6½ @ 6½
" Venetian	6 @ 10½	7 @ 12	14 @ 2½	dry Eng. 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. 66
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	6½ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	18
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	18
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" 20
Black, lamp,	15 @ 25	15 @ 25	8 @ 30	16 25
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	20
Oil, linseed, (raw) } (℔ gal.)	56 @ 58	58 @ 60	57 @ 58	58
" " boiled } (℔ gal.)	59 @ 61	61 @ 63	60 @ 61	61
Turpentine } (℔ gal.)	47 @ 48	48 @ 51	50½ @ 51½	47
Varnish, coach } (℔ gal.)	@	1 50 @ 6 00	1 25 @ 2 00	@ 2 25
Shellac } (℔ gal.)	@	2 50 @ 3 00	2 25 @ 4 00	@ 2 90
Putty	2 @	2 @ 4	92 @ 02½	@ 2
Whiting } dry	75 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.,) } dry	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Litharge, Am. } dry	5½ @ 6	5½ @ 6½	6½ @ 7½	6 @ 6½
Sienna, (burnt) } dry	16 @ 20	14 @ 20	4 @ 16	@ 14
Umber, " } dry	14 @ 20	14 @ 20	2 " 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85		2 15 @	pr kg @ 2 60
10d. common	@ 2 60	@ 2 30	@ 2 25	@ 2 20
Shingle	@ 3 25	@ 2 80	@ 2 75	@ 2 70
Lath	@ 4 85	@ 3 70	@ 3 65	1 50 @ 5 50
Finishing nails according to size.)			Add .85 to $1.15	per lb 11 @ 14
(*For casing nails add 75c. per keg.*)			" .50 to .00	Add pr cask
Butts: 4" x 4" (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 16
Japanned	@ 1 50	@ 1 75	*Not sold.*	1 75 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 75 @ 2 00
Ball Tip, Boston Finish. ℔ pair.)	@ 65	@ 50	*Not sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 45
Brass (or cupboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony				@ 35
Apple wood				37 @ 1 00
Knobs: (℔ *Set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hematite	*Not sold*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 2 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 %	22 @ 35
Sheet Lead		@ 7½		
Lead Pipe		@ 6½		
Iron:				
I-Beams, up to and including 30 ft.	3 3-10 @ 3½	2 8-10 @ 3	@ 4	3 @ 3-3-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance.				@ 3 55
Channel-Beams	3 3-10 @ 3½	2 8-10 @ 3	@ 4	@ 3 75

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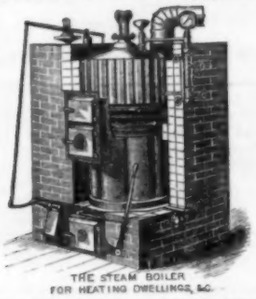

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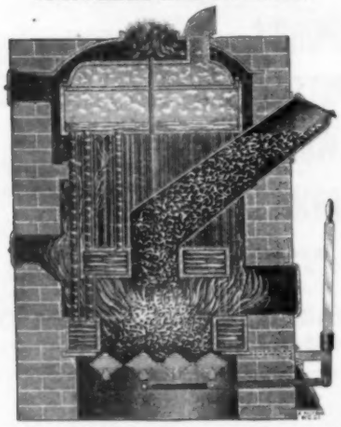

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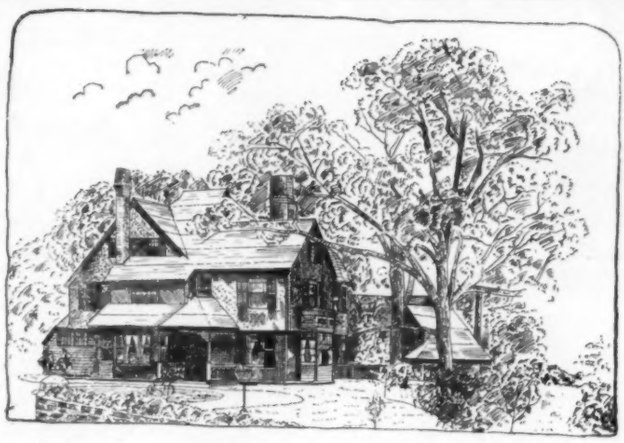

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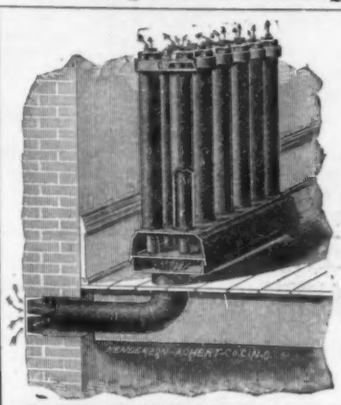

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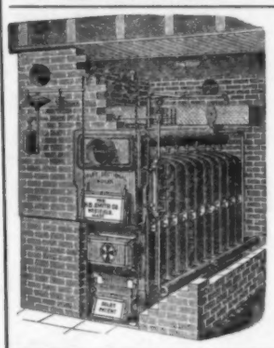

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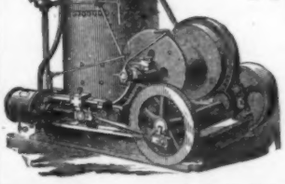

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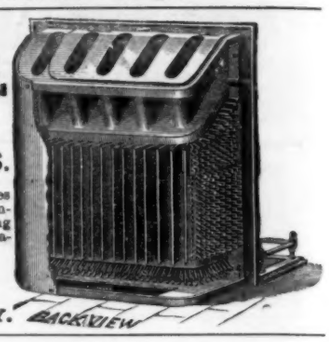

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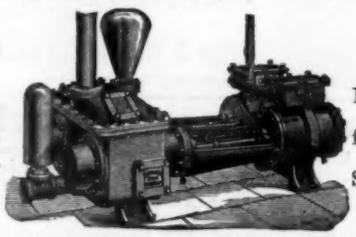

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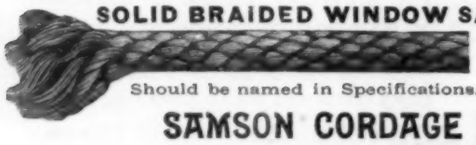

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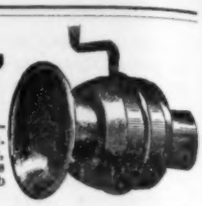

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Boston, Mass.—*Washington St., Nos.* 727-733, Ward 12, remodelling brick mercantile building; owner, W. P. Blake; builder, H. S. Hussey.

Fulton St., Nos. 46-54, cor. Ferry St., Ward 6, remodelling brick factory; owners, W. Underwood & & Co.; builder, F. H. Tarbox.

Lewis St., cor. Marginal St., Ward 2, brick building to be altered to flat; owners, East Boston Sugar Refinery Co.; builder, A. McLaren.

Clinton St., No. 23, Ward 6, alterations to brick mercantile building; owner, Denny estate; builder, J. S. Jacobs.

Grenville Pl., No. 26, junction of Columbus Ave., No. 66, Ward 11, remodelling tenement; owner, W. A. Prescott, *et als;* builder, W. L. Dunlap.

High St., Nos. 15-17, *and Summer St., No.* 148, Ward 12, remodel mercantile building; owner, J. W. Wheelwright; builder, S. E. Brown.

Franklin St., Nos. 281-7, Ward 12, add two stories to mercantile building; owner, H. G. Dorr.

Tremont St., No. 146, Ward 10, remodelling stores, offices, etc.; owners, J. Whitney heirs; builders, Woodbury & Leighton.

Chicago, Ill.—L. B. Rogers, two-st'y addition, Van Buren St.; cost, $6,000; architect, O. L. Wheelock.

Lowell, Mass.—The Tyler estate will extend Central Block as soon as the weather permits in the spring. The extension will have a frontage of 54′ on Central St, and 90′ on Middle St. The building will be devoted to offices and stores; architects, Merrill & Cutler.

APARTMENT-HOUSES.

Brooklyn, N. Y.—*Fisk Pl.*, w s, 92′ n Garfield Pl., 2 four-st'y brownstone flats, tin roofs; cost, each, $9,000; owner and builder, J. F. Ransom, 244 Thirteenth St., architect, I. D. Reynolds.

Chicago, Ill.—M. Hanley, owner and architect, two-st'y flats, Loomis St.; cost, $3,000.

E. Shays, owner and architect, two-st'y flats, West Congress St.; cost, $2,500.

J. L. Plan, Jr., owner and architect, three-st'y flats, Washington Bou.; cost, $4,000.

J. P. Altgeld, 7 four-st'y flats, Congress St.: cost, $30,000; architect, L. G. Halberg.

Le Grand W. Pierce, 5 three-st'y flats, Cottage Grove Ave.; cost, $60,000; architect, H. B. Seeley.

J. J. Phillips, 5 three-st'y flats, West Madison St.; cost, $25,000; architect, P. Hale.

BUILDING INTELLIGENCE.

J. E. Wells, two-st'y flats, West Congress St.; cost, $6,000; architect, Wells.

P. J. Anderson, two-st'y flats, Augusta St.; cost, $3,000; architect, N. Burquist.

J. Phillips, three-st'y flats, Wentworth St.; cost, $6,500; architect, Dorr.

C. Gorke, two-st'y flats, Albany Ave.; cost, $2,500; architect, F. Hein.

New York, N. Y.—*Ninety-second St.*, n e cor. Fourth Ave., five-st'y brick flat, tin and slate roof; cost, $40,000; owner, Andrew J. Kerwin, 82 East Ninety-second St.; architect, A. B. Ogden, 1031 Madison Ave.

Fifteenth St., s s, 80′ e Sixth Ave., six-st'y double flats; owner, Mrs. Wm. F. Morgan; architect, W. Scott West.

Stanton St., s w cor. Clinton St., five-st'y brick flat, tin roof; cost, $28,000; owner, John Schreimer, Jr., 1843 Madison Ave.; architects, Kurtzer & Rohl, cor. Seventh St. and Third Ave.

Ninety-second St., n s, 88′ 6″ e Fourth Ave., 2 five-st'y brick flats, tin roofs; cost, $40,000; owner, Andrew J. Kerwin, 82 East Ninety-second St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

West Thirty-ninth St., Nos. 253-255, 2 five-st'y brick flats, tin roofs; cost, $40,000; owner, Wm. Rankin, 253 West Fifty-first St.; architect, George Keister, 55 West Thirty-third St.

West Thirty-ninth St., No. 251, five-st'y brick flat, tin roof; cost, $18,000; owner, Wm. Rankin, 253 West Fifty-first St.; architect, George Keister, 55 West Thirty-third St.

West Thirty-ninth St., Nos. 259-263, 3 five-st'y brick flats, tin roofs; cost, $60,000; owner, Wm. Rankin, 253 West Fifty-first St.; architect, George Keister, 55 West Thirty-third St.

Forty-fourth St., n s, 155′ w Second Ave., five-st'y brick flat, tin roof; cost, $20,000; owner, James Walsh, 350 East Sixty-fifth St.; architect, I. H. Valentine, 58 Liberty St.

Eighth Ave., s w cor. One Hundred and Fifteenth St., 4 five-st'y brick flats, tin roofs; cost, $80,000; owner, P. H. McManus, 247 West One Hundred and Thirty-fifth St.; architect, John F. Miller, 247 West One Hundred and Twenty-fifth St.

West Thirty-eighth St., Nos. 256-258, 3 five-st'y brick flats, tin roofs; cost, $54,000; owner, John D. Karst, Jr., 1874 Third Ave.; architect, Alex. I. Finkle, 169-171 Broadway.

Third Ave., n w cor. Fiftieth St., five-st'y brick flat, tin roof; cost, $38,000; owner, Geo. R. Read, 9 Pine St; architect, Oswald Wirz, 431 East Eighty-seventh St.

Fiftieth St., n s, 107′ w Third Ave, 2 five-st'y brick flats, tin roofs; cost, $54,000; owner, George R. Reed, 9 Pine St; architect, Oswald Wirz, 431 East Eighty-seventh St.

FACTORIES.

Brooklyn, N. Y.—*Sixth Ave.*, s w cor. Pacific St., three-st'y brick-water meter factory, gravel roof; cost, $30,000; owners, Niagara Meter Co., Franklin Building, Remsen St.; architect, W. A. Mundell; masons, P. J. Carlin & Co.; contractors, Long & Barnes.

New York, N. Y.—*Thirtieth St.*, s s, 450′ e Sixth Ave., six-st'y brick factory, tin or plastic slate roof; cost, $100,000; owners, John Glass & Son, 209 West Twenty-first St.; architect, G. A. Schellinger, 128 Broadway.

One Hundred and Thirty-eighth St., s e cor. Walnut Ave., one-st'y brick factory, peak and slate roof; cost, $10,000; owners, De La Vergne Refrigerating Mach. Co., 55 East Eightieth St.; architects, J. & L. Weber, 212 East Eightieth St.

Harlem River, w s, abt. 18′ n One Hundred and Thirty-fifth St., four-st'y brick factory, peak, cement, fireproof composition roof; cost, $10,000; owner, J. C. Watson, 105 West Thirty-fourth St.; architect, G. A. Schellinger, 128 Broadway.

Fifth Ave., Nos. 629-631, four-st'y brick workshop, gravel roof; cost, $6,000; owner, Fred. Bender estate, 223 East One Hundred and Twenty-fourth St.; architect, Ernest W. Greis, 36 Union Sq.

Thirty-second St., s s, 100′ e First Ave., six-st'y brick factory, tin roof; cost, $50,000; owners, Wicke & Roesler, n e cor. Thirty-first St. and First Ave.; architect, J. Kastner, 744 Broadway.

HOUSES.

Ashmont, Mass.—Frame dwell., 37′ x 48′; owner, Edward Lynch; contract to be let; architect, Samuel J. Brown, Boston.

Baltimore, Md.—Henry Schaumberg & Son, 15 two-st'y brick buildings, w s Charles St., bet. Barney and Wills Sts.

Louis G. Rode, 5 two-st'y brick buildings, e s Rose Alley, s Eastern Ave.

Henry Hartman, three-st'y brick building, w s Carrollton Ave., s Baltimore St.

Jos. Dixon, 3 two-st'y brick buildings, s s Lombard St., bet. Amity and Schroeder Sts.

Boston, Mass.—*Willow St.*, extension, near Weld St., Ward 23, frame dwell., 28′ x 38′; owner, W. B. Blakemore; builder, G. W. Vaughn.

Willow St., extension, n s, near Weld St., Ward 23, frame dwell., 28′ x 38′; owner, W. B. Blakemore; builder, G. W. Vaughn.

Walk Hill St., near Hyde Park Ave., Ward 23, 2 three-st'y frame dwells., flat roofs, 23′ x 38′; owner, Eugene Costello; builder, D. McDonald.

Winslow St., Nos. 28-30, cor. Taber St., Ward 20, 2 three-st'y frame dwells., flat roofs, 22′ 6″ x 47′; owner, T. F. Guman.

West Chester Park, near Beacon St., Ward 22, four-st'y brick dwell., flat roof, 20′ x 66′; owner, Brooks Adams; builders, Webster, Dixon & Co.

Westville St., near Geneva Ave., Ward 24, frame dwell., 25′ x 48′; owner and builder, J. McVane.

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Rena St., near West Harvard St., Ward 25, frame dwell., 21′ x 28′; owner and builder, H. C. Porter.

Hutchings Ave., near Day St., Ward 22, frame dwell., 22′ x 38′; owner, F. Cummings.

Millett St., Nos. 18-20, Ward 24, 2 three-st'y frame dwells., 22′ x 32′; owner and builder, F. J. Rockwell.

Unnamed Pl., from Cambridge St., Ward 25, frame dwell., 22′ x 31′; owner, Isaac Pratt, Jr.; builder, W. B. Cameron.

Tremont St., No. 324, Ward 16, four-st'y brick dwell. and store, flat roof; owner, C. A. Folsom; builder, C. W. Robinson.

Rena St., near North Harvard St., Ward 25, frame dwell., 35′ x 40′; owner, W. Flaherty; builder, P. S. Hughes.

Waterloo St., near Harvard St., Ward 24, frame dwell., 24′ x 37; owner, C. Brandt; builder, W. D. Rice.

Brookline, Mass.— *Davis Ave.*, frame dwell., 36′ x 40; cost, abt. $13,000; owner, Chas. H. Rutan; builders, Norcross Bros.; architects, Shepley, Rutan & Coolidge, Boston.

Elm St., double frame dwell., 40′ x 57′; cost, abt. $11,500; owner, Chas. H. Rutan; builders, Rutan & Fraser; architects, Shepley, Rutan & Coolidge, Boston.

Brooklyn, N. Y.— *Union St.*, n s, 200′ w Eighth Ave., 8 three-st'y brick and brownstone dwells., tin roofs; cost, each, $8,000; owner, Jas. C. Jewett, 42 Seventh Ave.; architect, A. E. White; builder, not selected.

Pulaski St., s s, 326′ 6″ e Throop Ave., 8 three-st'y brick dwells., tin roofs; cost, each, $5,200; owner, Frank Ames, 1002 Halsey St.; architect, H. Vollweiler.

St. Marks Ave., s s, 200′ w Brooklyn Ave., two-st'y brick and stone dwell., mansard, tin and slate roof; cost, $25,000; owner, Adam Schulz, 225-229 Grand St.; architects, Rentz & Lange.

Broadway, e s, 21′ s Moffat St., 2 four-st'y brick stores and dwells., tin roofs; cost, each, $8,000; owner and builder, E. Sutterlin, cor. Marion St. and Patchen Ave.; architect, H. Vollweiler.

Carroll St., s s, 200′ e Eighth Ave., 3 three-st'y brick and stone dwells., mansard, slate and tin roofs; entire cost, $26,000; owners, Edward M. Grout, 18 William St., New York, and Ford & Hagan, Produce Exchange, New York; architect, Geo. P. Chappell; builder, P. Quinn.

BUILDING INTELLIGENCE.

Vernon Ave., s s, 125′ e Throop Ave., 4 two-st'y brownstone dwells., tin roofs; cost, each, $5,000; owner and builder, J. R. Robb, 330 Sixteenth St.; architect, I. D. Reynolds.

Albany Ave., w s, 20′ s Prospect Pl., 4 two-st'y brick dwells., tin roofs; cost, each, $4,000; owner, Chas. Robins, 1361 Fulton St.; mason, W. Uris.

Halsey St., n s, 250′ e Reid Ave., 3 two-st'y brick dwells., tin roofs; cost, each, $4,000; owner, C. H. Roberts, 243 Reid Ave.; architect, A. Hill.

Patchen Ave., w s, 20′ s Macon St., 8 two-st'y brick dwells., gravel roofs; cost, each, $4,500; owner and contractor, E. M. Young, 281 Halsey St.; architect, J. L. Young; mason, A. Vanvost.

Powell St., w s, 100′ n Eastern Parkway, 2 two-st'y frame dwells., tin roofs; cost, each, $2,000; owner, S. C. Wilson; contractor, W. Hartman; architect, F. Weber.

Marion St., s s, 225′ w Ralph Ave., two-st'y frame (brick-filled) dwell., tin roof; cost, $3,000; owner, Jos. Frauhaven, 91 McDougal St.; contractors, Weeks & Lauer; mason, C. Bauer; architect, Lauer.

Chicago, Ill.— C. H. Low, 3 two-st'y dwells., Lexington Ave.; cost, $5,200; architect, B. F. Shaw.

A. S. Klein, three-st'y dwell., West Adams St.; cost, $8,000; architect, M. L. Beers.

Cincinnati, O.— A. Stephenson, two-and-one-half-st'y brick dwell.; cost, $12,000; architects, S. Hannaford & Sons.

Robt. C. Singo, owner and architect, frame dwell., Pullan Ave.; cost, $2,200.

Geo. Sauerbeck, three-and-one-half-st'y brick dwell., Vine and St. Clair Sts.; cost, $12,500; architect, A. Reig.

B. Galel, two-and-one-half-st'y brick dwell; cost, $3,500; architects, Reig & Martin.

H. H. Finch, two-and-one-half-st'y brick dwell.; cost, $8,500; architect, S. E. Des Jardins.

John Kenny, three-and-one-half-st'y brick dwell., 189 Cutter St.; cost, $3,600; architect, E. T. Bande.

New York, N. Y.— *Eighty-sixth St.*, n s, e Tenth Ave., 9 four-st'y dwells.; cost, $250,000; owners, D. Willis James and John G. Prague; architect, John G. Prague.

Seventy-fourth St., near Central Park, West, four brownstone dwells.; owner, F. Aldhous; architect, J. C. Burne.

Providence, R. I.— *Superior St.*, n s, near Cranston St., two frame dwells.; owner, Garrett Mead; builder, H. R. Wilcox.

Oxford St., n s, near Quince St., two frame dwells.; cost, $1,500; owner, Thos. Kelley; builder, James H. Canning.

Whipple St., e s, near Douglas Ave., four dwells.; cost, each, $1,200; owner, W. M. Harris.

Grove St., n w cor. Barre St., two frame dwells.; cost, $1,500; owner, Wm. A. Sprague.

Hudson St., s s, near Messer St., two frame dwells.; cost, $2,500; owner, Stephen Tourtellot.

Somerville, Mass.— *Thorndike St.*, frame dwell.; owner and builder, Silas L. Cummings.

Parker St., frame dwell.; owner and builder, Adelbert Rice.

Linden St., frame dwell.; owner, David Arthur; builder, Mr. Oliver.

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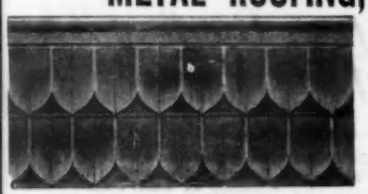

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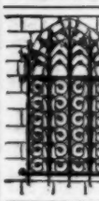

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Bonair St., frame dwell.; owners, Mrs. E. & M. McFarland; builder, M. E. Jackson.

PUBLIC BUILDINGS.

Rockingham, N. C.—Richmond County is to have built a court-house; cost, abt. $20,000.

RAILROAD BUILDINGS.

Berkeley Springs, W. Va.—Frame station; cost, $1,800; architect, A. H. Bieler, Baltimore, Md.

Charlton Heights, Md.—Frame station; cost, $3,900; architect, A. H. Bieler, Baltimore, Md.

Mt. Jackson, Va.—Frame station; cost, $3,000; architect, A. H. Bieler, Baltimore, Md.

Patapsco, Md.—Brick station; cost, $2,000; archi- A. H. Bieler, Baltimore, Md.

Washington, D. C.—Frame station, cor. Boundary and New York Aves.; cost, $4,000; architect, A. H. Bieler, Baltimore, Md.

Woodstock, Va.—Stone station; cost, $3,600; architect, A. B. Bieler, Baltimore, Md.

STABLES.

Brooklyn, N. Y.—*Grace Court Alley, No.* 12, s s, three-st'y brick and stone stable, tin roof; cost, $7,500; owner, Thos. E. Stillman, 95 Joralemon St.; architect, W. H. Beers.

New York, N. Y.—*Mott St., No.* 139, two-st'y brick stable, tin roof; cost, $4,500; owner, Hetty Gomez estate; lessee, Isaac I. Maccabe, 248 West One Hundred and Twenty-ninth St.; architect, I. H. Valentine, 58 Liberty St.

STORES.

Boston Mass.—*Lincoln, Essex and Tufts Sts.*, six-st'y stone and brick wholesale store for Horace Partridge & Co., 59' x 201'; frontage on Tufts St. 120 feet, and on Essex Pl. 126 feet; cost, abt. $192,000; owner, Fred. L. Ames; builders, Norcross Bros.; contracts for steam-heating and elevators to be let; architects, Shepley, Rutan & Coolidge.

Boylston St., No. 56, Ward 12, six-st'y brick store, flat roof, 25' x 75'; owner, B. H. Nash; builder, S. Murphy.

Brooklyn, N. Y.—*Rockaway Ave.*, e s, 25' s Belmont Ave., three-st'y frame store and dwell., tin roof; cost, $3,500; owner, Samuel Levy, 480 Madison St.; architect, W. Danmar; builder, not selected.

Luquer St., s s, 16' 7" w Hamilton Ave., 2 four-st'y brick stores and dwells., tin roofs; cost, each, $11,000; owner, F. B. Cutting estate, 36 Wall St., New York City; architect, W. A. Hankinson; builder, not selected.

Troutman St., n s, 275' n Hamburg Ave., 2 three-st'y frame (brick-filled) stores and tenements, tin roofs; cost, each, $4,400; owner, M. Fink, on premises; architects, Schrempf & Loeffler; builder, not selected.

Patchen Ave., one on s w cor. Macon St. and one on n w cor. McDonough St., three-st'y brick stores and flats, gravel roofs; cost, each, $8,000.

Graham Ave., No. 477, n w cor. Meeker Ave., three-st'y frame (brick-filled) store and dwell., tin roof; cost, $3,600; owner and architect, Daniel Hamill; contractors, Sammis & Bedford; mason, W. P. Brazill.

Cincinnati, O.—Mabley & Carew, six-st'y stone store, Fifth and Vine Sts.; cost, $65,000; architect, Jas. McLaughlin.

W. W. Smith, three-st'y brick stores and flats, Chatham St.; cost, $15,750; architects, Crapsey & Brown.

New York, N. Y.—*Sixth Ave.*, w s, with an L on Twenty-third St., store; owners, Ehrich Bros.; architects, A. Zucker & Co.

TENEMENT-HOUSES.

Brooklyn, N. Y.—*Ralph St.*, n s, 150 w Central Ave., three-st'y frame (brick-filled) tenement, tin roof; cost, $4,400; owner, C. Berckmeier, 99 Ralph St.; contractor, A. Berckmeier; mason, H. Schlachter.

Nelson St., s e cor. Hamilton Ave., five-st'y brick tenement, tin roof; cost, $10,000; owner, M. Collins, 237 Hamilton Ave.; contractor, O. Nilsson.

Varet St., No. 184, three-st'y frame (brick-filled) tenement, tin roof; cost, $4,600; owner, Jacob Fuchs, 184 Varet St.; architect, B. Finkensieper.

Sumpter St., n s, 120' w Stone Ave., 4 three-st'y frame (brick-filled) tenements, tin roofs; cost, each, $3,800; owner and builder, George Loeffler, 78 Jefferson St.; architect, Th. Engelhardt.

Norman Ave., n s, 25' w Kingsland Ave., three-st'y frame (brick-filled) tenement, tin roof; cost, $4,500; owner, Jas. Walsh, on premises; architect, H. Vollweiler; builder, not selected.

New York, N. Y.—*Allen St., No.* 109, five-st'y brick tenement, tin roof; cost, $12,000; owner, Catherine J. Mott, 911 Second Ave.; architect, William Graul, 215 Bowery.

Willis Ave., n w cor. One Hundred and Thirty-ninth St., 2 five-st'y brick tenements, tin roofs; cost, $24,000; owner, Ferdinand Kurzmann, 119 East Sixty-fifth St.; architect, J. H. Valentine, 58 Liberty St.

One Hundred and Twentieth St., No. 433, five-st'y brick tenement, tin roof; cost, $11,000; owner, Kate Gallagher, 435 East One Hundred and Tenth St.; architect, Andrew Spence, 2294 Third Ave.

BUILDING INTELLIGENCE.

WAREHOUSES

Chicago, Ill.—David Oliver, two-st'y warehouse, Halsted St.; cost, $5,000; architect, J. McGraw.

P. Mason, four-st'y warehouse, Illinois St.; architect, C. H. Gottig.

New York, N. Y.—*West Twenty-second St., No.* 540-544, five-st'y brick warehouse, tin roof; cost, $35,000; owner, Fred. S. Myers, 421 West Twenty-second St.; architect, Sharp Smith, 7-9 Warren St

MISCELLANEOUS.

Boston, Mass.—*Hartford St., Nos.* 29-35, Ward 12, four-st'y brick mercantile building, flat roof, 36' x 84'; owner, H. A. Gould; builder, James Smith.

Brooklyn, N. Y.—*Vanderbilt Ave.*, w s, 175' n De Kalb Ave., three-st'y brick and stone artists' studio, tin roof; cost, $9,000; owners, Morris Building Co., 215 Ryerson St.; architect, W. B. Tubby; mason, Jno. Thatcher.

Huron St., No. 109, near Franklin St., one-st'y frame shop, gravel roof; cost, $6,500; owner, Samuel Roden, on premises; builder, C. Gould.

PROPOSALS.

January 16th, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 12th day of February, 1889, for the labor and materials required in the erection and completion of the United States Appraiser's Stores at Chicago, Ill., in accordance with the specification and drawings, copies of which may be seen at this office; the office of the Superintendent; the Master Builders' Association, Boston, Mass.; Builders' Exchanges, Baltimore, Md., Detroit, Mich., Indianapolis, Ind., and Cincinnati, O.; Builders' and Traders' Exchanges, Chicago, Ill., and Louisville, Ky.; Mechanics' and Traders' Exchange, New York City; Master Builders' Exchange, Philadelphia, Pa.; Mechanics' Exchange, St. Louis, Mo.; and Builders' and Dealers' Exchange, Cleveland, O. Each bid must be accompanied by a certified check for $500. The Supervising Architect will furnish a limited number of copies of the specification and drawings at $5 a set, upon receipt of that sum in post-office money-order, drawn to the order of the Treasurer of the United States, WILL. A. FREERET, Supervising Architect. 682

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PROPOSALS.

BRONZE CASTINGS.

[At Cleveland, O.]

OFFICE OF THE EXECUTIVE COMMITTEE OF THE BOARD OF COMMISSIONERS, CUYAHOGA COUNTY, SOLDIERS' AND SAILORS' MONUMENT, CLEVELAND, O., January 3, 1889.

Sealed proposals will be received by the Executive Committee **until 12 o'clock M. on Wednesday, January 23, 1889,** from bronze founders actually engaged in the business, for the bronze castings and other work pertaining thereto, to wholly complete and set in place on the site selected in Cleveland, O., when the Committee directs, a group of infantry soldiers called the "Color Guard," composed of nine figures, each about 7′ 6″ high, mounted on a base or plinth 7 feet by 19 feet.

Bids to be endorsed "Proposals for Bronze Statuary," and addressed to the care of Levi F. Bauder, Secretary of the Board of Commissioners, Wick Block, Cleveland, O.

The plaster models can be seen at the studio on Rockwell Street, Cleveland, in rear of the City-Hall, where a member of the Committee will give any additional information if desired, or by addressing Levi T. Scofield, architect, 22 Case Building, Cleveland, O.

Each bid to be accompanied with a written guarantee, signed by two responsible sureties.

The Commissioners reserve the right to reject any or all bids, to accept or decline to close a contract as in their discretion they shall deem it their duty to do.

The time for completion and delivery of castings mounted must be stated, and will be considered in awarding the contract.

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JAMES BARNETT,
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LEVI T. SCOFIELD,
682 Executive Committee.

Y. M. C. A. BUILDING.

[At Providence, R. I.]

PROVIDENCE, R. I., January 7, 1889.

Sealed proposals for the erection of the Y. M. C. A. Building, on the corner of Westminster and Jackson Streets, Providence, R. I., will be received **until 12 M., Monday, February 4, 1889,** at the office of Stone, Carpenter & Willson, architects, 65 Westminster Street, where the plans and specifications may be seen and information obtained by bidders.

The right to reject any and all bids is reserved.

G. W. R. MATTESON,
BENJAMIN F. ARNOLD,
A. B. McCRILLIS,
H. N. CAMPBELL, JR.,
EUGENE W. MASON,
Committee on Plans.

PROPOSALS.

January 12, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock, P. M., on the 31st day of January, 1889, for the labor and materials required in the erection and completion of the low-pressure, return-circulation, steam-heating and ventilating apparatus for the United States Court-House and Post-Office, etc., building at Rochester, N. Y., in accordance with the specification and drawings, copies of which, with other necessary information, may be had on application at this office, or at the office of the Superintendent. Each bid must be accompanied by a certified check for $500. WILL. A. FRERET, Supervising Architect. 682

January 10, 1889. Sealed proposals will be received at the Office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 31st day of January, 1889, for the labor and materials required in the completion of the approaches to the United States Marine Hospital at Chicago, Ill., in strict accordance with the specification and drawings, copies of which may be seen at this office; the office of the Superintendent; the Builders' and Traders' Exchange, Chicago, Ill.; the Builders' Exchanges, Cincinnati, O., and Indianapolis, Ind., and the Builders' and Dealers' Exchange Company, Cleveland, O. Each bid must be accompanied by a certified check for $500. The Supervising Architect will furnish a limited number of copies of the specification and drawings at $2 a set, upon receipt of that sum in post-office money-order, drawn to the order of the Treasurer of the United States. WILL. A. FRERET, Supervising Architect. 682

January 12, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 31st day of January, 1889, for the labor and materials required in the erection and completion of two hydraulic elevators complete for the United States Custom-House, at New Orleans, La., in accordance with the specification and drawings, copies of which may be seen at this office; the office of the Superintendent; the Builders' Exchange, Cincinnati, O.; the Builders' and Traders' Exchange, Chicago, Ill.; the Mechanics' and Traders' Exchange, New York City, and the Master Builders' Exchange, Philadelphia, Pa. Each bid must be accompanied by a certified check for $300. The Supervising Architect will furnish a limited number of copies of the specification and drawings at $1 a set, upon receipt of that sum in post-office money-order, drawn to the order of the Treasurer of the United States. WILL. A. FRERET, Supervising Architect. 682

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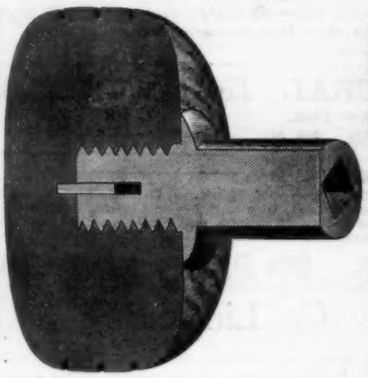

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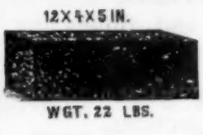

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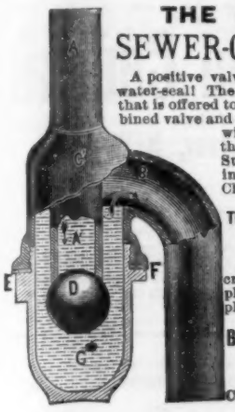

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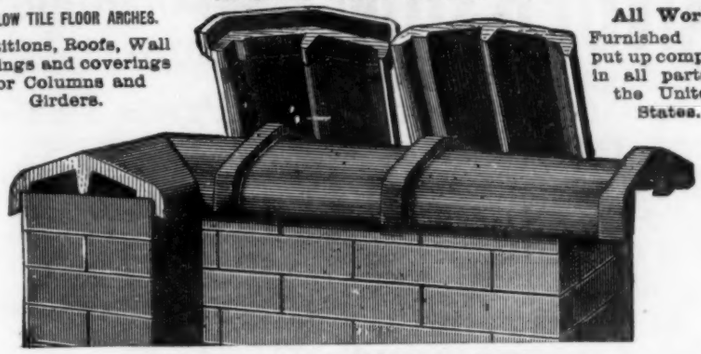

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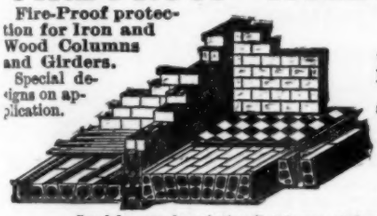

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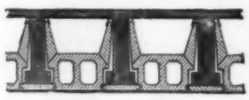

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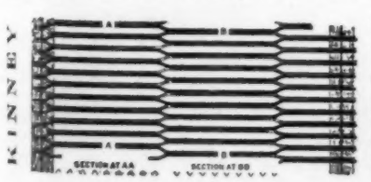

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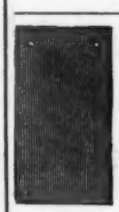

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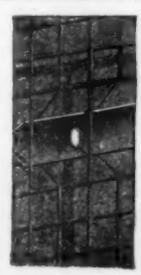

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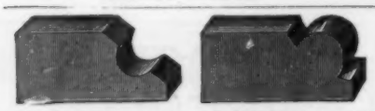

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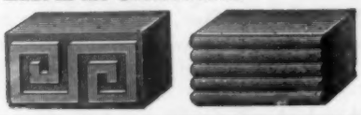

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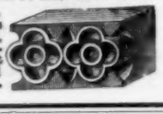

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Fig. A.

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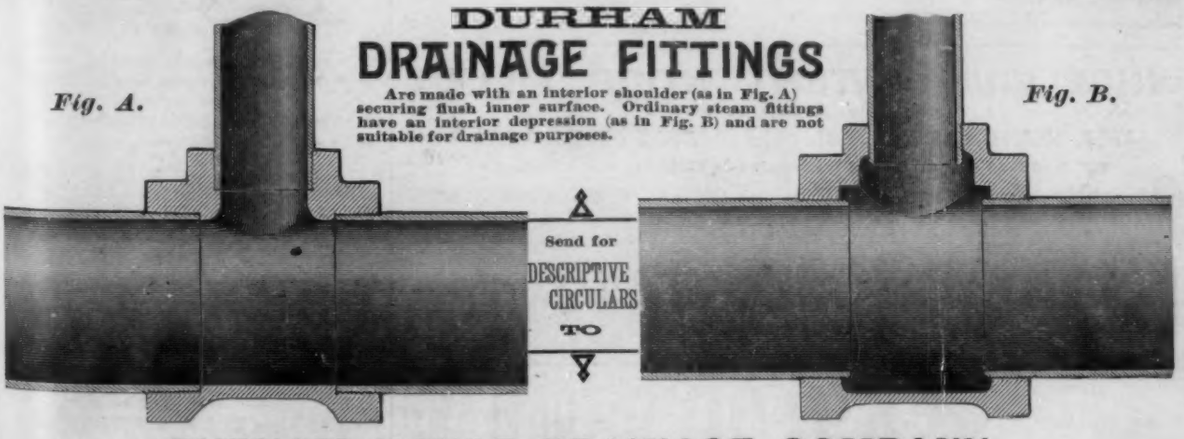
Fig. B.



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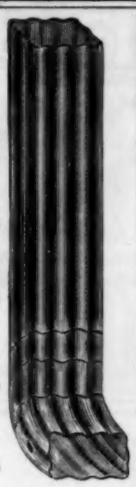

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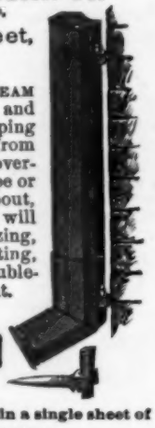

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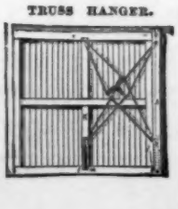

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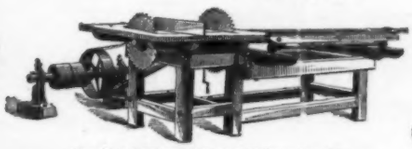
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Boards: (*Ordinary dimensions.*)				
Pine, 1st quality, clear	65 00 @ 75 00	50 00 @ 60 00	47 00 @ 48 00	55 00 @ 60 00
" 2d quality	55 00 @ 60 00	42 00 @ 50 00	43 00 @ 45 00	40 00 @ 50 50
" 3d quality	18 00 @ 22 00	35 00 @ 40 00	39 00 @ 41 00	15 00 @ 30 00
Spruce	@ 25 00	12 00 @ 25 00	*Not sold.*	@ 35 00
Hemlock	13½ @ 14	13 00 @ 15 00	@ 11 00	@ 14 00
Yellow pine	20 @ 40	25 00 @ 35 00	@ 21 00	20 00 @ 50 00
Cypress	@	32 00 @ 40 00	@	40 00 @ 45 00
Clapboards:				
Pine	@	33 00 @ 55 00	10 00 @ 22 00	50 00 @ 35 00
Spruce	@	15 00 @ 35 00	*Not sold.*	*Not Sold.*
Framing Timber:				
Pine			13 00 @ 16 00	28 00 @ 32 50
Spruce	14 00 @ 18 00	15 00 @ 18 00	*Not sold.*	20 00 @ 22 50
Hemlock	12 00 @ 16 00	12 50 @ 15 00	10 00 @ 10 00	12 50 @ 13 50
Yellow pine	18 00 @ 21 00	24 00 @ 35 00		26 00 @ 28 00
Laths:				
Pine	@	2 25 @ 2 35	@ 2 20	3 00 @ 3 50
Spruce	@ 2 25	2 25 @ 2 50	*Not sold.*	2 50 @ 3 00
Shingles:				
Pine, shaved ₱ M	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed "	4 00 @ 5 00	@ 4 50	2 35 @ 2 60	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood ₱ 125	1 40 @ 1 60	3 75 @ 4 00	6 50 @ 8 00	30" $35 @ 40
Cedar, split ₱ M	@	@	*Not sold.*	24" 8 @ 21
Cedar, sawed "	@	2 00 @ 4 00	2 20 @ 2 45	20" 35 @ 14
Cypress. Split..7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 75 @ 4 25	11 00 @ 18 00
Miscellaneous:				
Piles ₱ ft	4½ @ 5½	Piles 6c. ₱ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 15 00	12 00 @ 14 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	70 @ 1 25
Chestnut "	@	25 @ 50	*Not sold.*	28 @ 32
Finishing Woods: ₱ M. (*Kiln Quar. Ash. Kiln dried.*)	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	45 00
Cherry	80 00 @ 120 00	65 00 @ 120 00	80 00 @ 110 00	7 00 @ 80 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 5500	70 00 @ 80 00
Hard-pine floors (rift)		48 00 @ 50 00		
Mahogany, Baywood [Mexican]	@180 00	150 00 @ 160 00	150 00 @ 180 00	150 00 @ 250 00
" St. Domingo	@350 00	120 00 @ 350 00	220 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	25 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 75 00
" white	@ 70 00	50 00 @ 55 00	35 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 80 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 0 @ 45 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	30 00 @ 75 00	45 0 @ 5 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 0 @ 6 00	60 00 @ 75 00
Rosewood ₱ lb	@	@	@ 7	
Spruce floors (clear, kiln-dried)		30 00 @ 32 00		
Walnut, black	1 5 00 @ 150 00	80 00 @ 120 00	80 00 @ 110 00	50 00 @ 170 00
Whitewood	5 00 @ 50 00	40 00 @ 45 00	30 00 @ 35 00	25 00 @ 40 00
Yellow pine ₱ M	@ 48 00	40 00 @ 42 00	30 00 @ 38 50	27 50 @ 40 00

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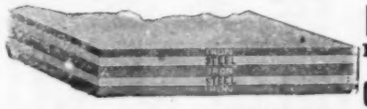

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Jersey	6 00 @ 6 50	8 00 @ 6 50	5 50 @ 6 50	" @ 12 00
Long Island	7 00 @ 7 25	Bay State Hard		Salmon @ 7 00
Up River	7 00 @ 7 25	9 50	Indiana Pressd	Sq. " @ 9 00
Haverstraw Bay 2nd	7 00 @ 7 25	Domestic Com.	St. Louis Fronts	Light Stretchers @ 12 00
" 1st	7 25 @ 7 75	9 00 @ 9 50	27 00	Medium " @ 14 00
Hollow	@ 13 00	Domestic Face		Red " @ 15 00
Fronts		18 00 @ 20 00		Dark " @ 15 00
Croton, Brown	14 00 @ 15 00	Philadelphia		Pressed 20 00 @ 24 00
" dark	15 00 @ 16 00	40 00 @ 45 00		Best Paving @ 16 00
" red	15 00 @ 16 00	Phila. mould		Second " @ 14 00
Chicago pressed		50 00 @ 80 00	18 00 @ 27 00	Third " @ 13 00
Chicago Moulded			65 00 @ 350 00	
Baltimore	37 00 @ 41 00		@ 55 00	
Glens Falls — white	30 00 @ 35 00	Glens Falls		
Philadelphia	27 00 @ 28 00	25 00 @ 30 00	45 00 @ 50 00	
Trenton	@ 27 00		45 00 @	
Milwaukee		Glens Falls	25 00 @	
Moulded:		Mould.	60 00 @ 160 00	
Clark's Glens Falls — Red	25 00 @ 27 00	30 00 @ 35 00	30 @	
" — White	30 00 @ 35 00	35 00 @ 40 00	35 @	
White " Mold,	45 00 @ 60 00	45 00 @ 60 00	55 00 @ 65 00	
Enamelled: *Imp.*				
Enamelled (edge.)	85 00 @ 100 00		@ 100 00	
Enamelled (edge and end)	90 00 @ 115 00		@ 120 00	Dom. @ 65 @ 85
CEMENT, LIME, etc. — (₱ *cask.*)				
Rosendale Cement	1 15 @ 1 25	@ 1 40	*Not Sold.*	1 15 @ 1 50
Louisville "			1 05 @ 1 30	B & S.E. 275 @ 300
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	*Not sold.*	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	@ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 35 @ 2 50	@ 2 85	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	@ 2 85	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 50 @ 2 80	@ 2 85	2 90 @ 3 15	2 85 @ 3 15
" " (White's)	2 65 @ 3 00	@ 2 85	3 00 @ 3 25	
" French (Lafargo)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 35 @ 2 85	3 00 @ 3 50	3 00 @ 3 25	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	2 80 @ 3 15	2 50 @ 2 75
" " (Vorwohler)	2 50 @ 2 90		2 80 @ 3 15	Josson
" " (Lagerdofer)		*Not sold.*	2 75 @ 3 00	2 50 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	2 85 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not Sold.*	2 75 @ 3 00
" " Stettin, (Anchor)	2 35 @ 2 85		*Not Sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 50 @ 2 75
Roman	2 75 @ 3 00	@ 3 20	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	7 00 @ 7 50	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	11 00 @ 12 00	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30 ₱ bush
Chicago Lime in bulk		St. John 1 00	55 @	White Mash
Wisconsin "			60 @	1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 1 00	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 1 20	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing "	@ 1 10	*Not sold.*	*Not sold.*	*Not sold*
Plaster of Paris (calcined.)	1 20 @ 1 25	1 85 @ 1 90	1 85 @ 1 90	1 25 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ bush	18 @ 21	25 @ 30	20 @ 25	22 @ 30
" (Goat)	25 @ 28	@ 30	30 @ 55	30 @ 32
Sand, ₱ load	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		55 @ 65
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet	@ 1 00		35 @ 55	Richmond
Lemont			35 @ 60	75 @ 1 50
Serpentine			@ 1 00	4 50 ₱ Perch

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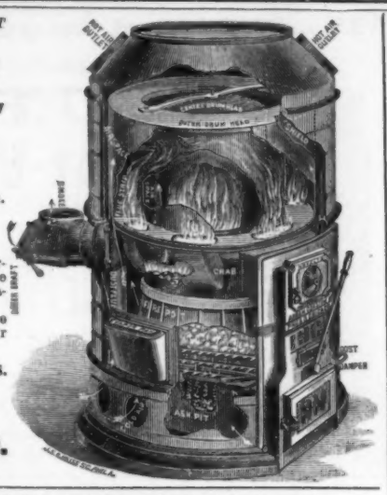

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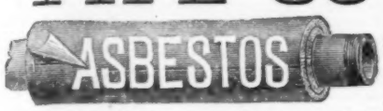

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Dimension	@	5 00 ℔ ton	20 @ 2	@ 5 00
Block	@	4 60 ℔ perch		Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 20
Planed	50 @ 6 00	75	50 @ 1 00	45 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		95 @ 1 16
Kibbe	@ 90	90 @ 1 10		
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	
Berea } Ohio	75 @ 1 00	80 @ 90	45 @ 55	55 @ 1 00
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 40
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 00 @ 1 10
Caen	@	@ 2 00	"	1 25 @ 1 50
Carlisle, English	@ 1 05	80 @ 90		95 @ 1 10
Corse Hill (Scotch)	1 05			
Marble (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and Blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined	@	50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna	@	3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red	@	1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville	@	85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@		*Not sold.*	2,00 @ 3 00
Vermont, white	@	1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 8 85	3 25 @ 4 00
" " Chapmans	— —	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 00 @ 7 50	7 00 @ 9 50	@ 5 35
Tiles, Am. ℔ M	@		*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil,* ℔ *lb.*)				
White lead, Am	7 @ 7½	7 @ 7½	6½ @ 7½	7 @ 7½
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	6½ @ 7
Red lead, Am.,	6½ @ 7	7 @ 7½	6½ @ 7½	6½ @ 6½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. @ 68
Red Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	@ 18
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" @ 20
Black, lamp,	15 @ 25	15 @ 25	8 @ 30	16 @ 25
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw) (℔ gal.)	56 @ 58	58 @ 60	57 @ 58	@ 58
" " boiled	59 @ 61	61 @ 63	60 @ 61	@ 61
Turpentine	47 @ 48	48 @ 51	50½ @ 51½	@ 47
Varnish, coach		1 50 @ 6 00	1 25 @ 2 00	@ 2 25
Shellac		2 50 @ 3 00	2 25 @ 4 00	@ 2 90
Putty	2 @ 4	2 @ 4	02 @ 02½	@ 2
Whiting	75 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.,) (℔ cwt.)	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Lithargo, Am	5½ @ 6	5½ @ 6½	6½ @ 7½	6 @ 6½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	@ 14
Umber, "	14 @ 20	14 @ 20	2 @ 16	@ 12
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85		2 15 @	pr kg @ 2 60
10d. common	@ 2 60	@ 2 30	@ 2 25	@ 2 20
Shingle	@ 3 35	@ 2 80	@ 2 75	@ 2 70
Lath	@ 4 85	@ 3 70	@ 3 65	4 50 @ 5 50
Finishing nails according to size.)			Add .85 to $1.15	per lb 11 @ 14
(*For casing nails add 75c. per keg.*)			" .50 to .90	Add pr cask
Butts: 4"x 4" (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 16
Japanned	@ 1 50	@ 1 75	*Not sold.*	1 75 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 75 @ 2 00
Ball Tip, Boston Finish (℔ pair.)	@ 65	@ 50	*Not sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 45
Brass (on sideboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony				@ 35
Apple wood				37 @ 1 00
Knobs: (℔ *Set.*)				
Mineral, cost	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hematite	*Not sold*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 2 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 %	22 @ 35
Sheet Lead		@ 7½		
Lead Pipe		@ 6½		
Iron:				
I-Beams, up to and including 30 ft	3 3-10 @ 3½	2 8-10 @ 3	@ 4	3 @ 3-3-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance			@ 4	@ 3 55
Channel-Beams	3 3-10 @ 3½	2 8-10 @ 3	@ 4	@ 3 75

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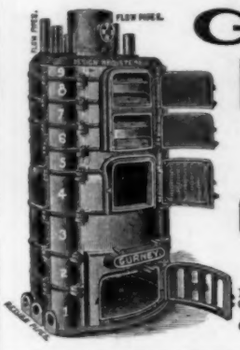

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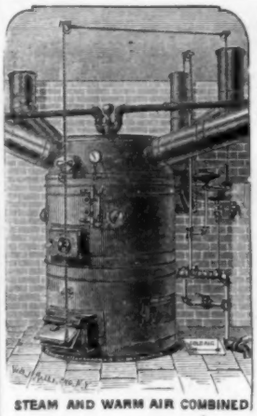

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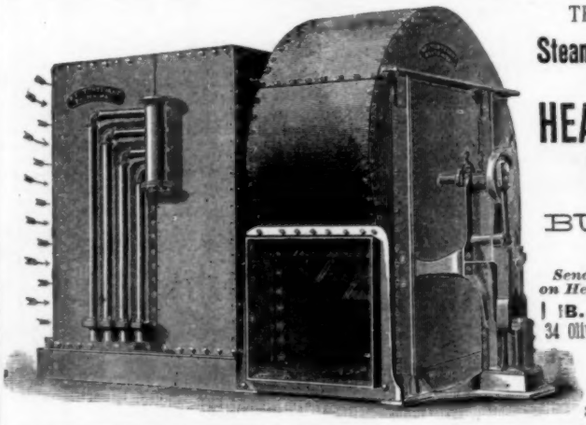

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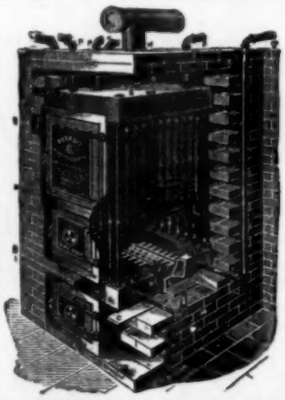

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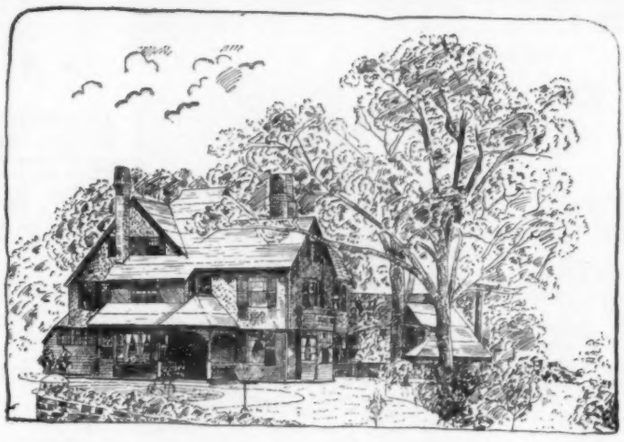

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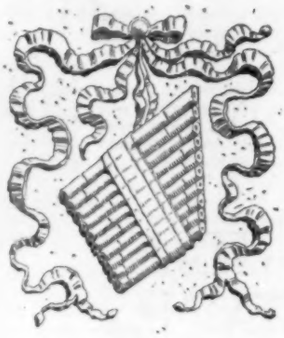

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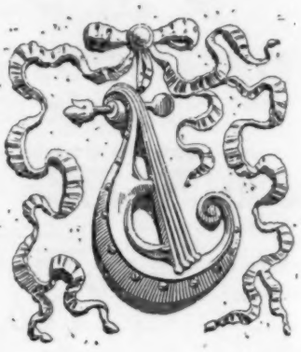
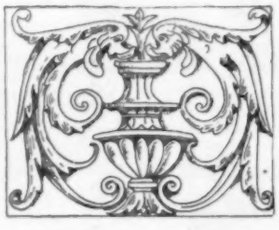
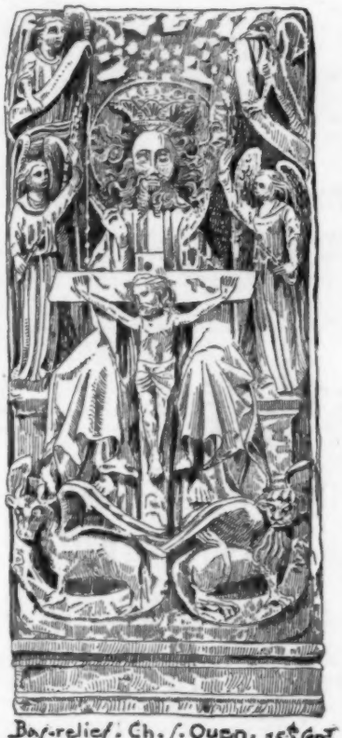




Detail of Tomb
Cathedral of Amiens



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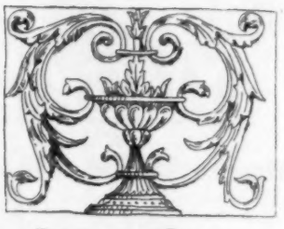

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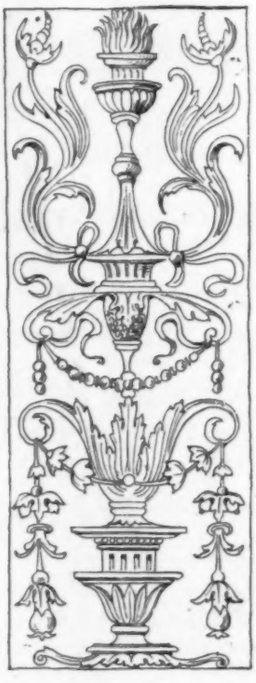

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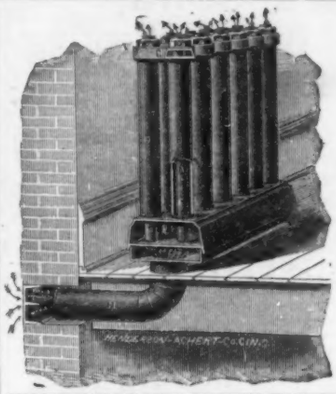

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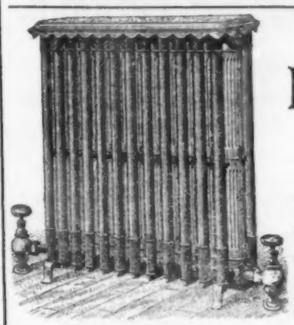

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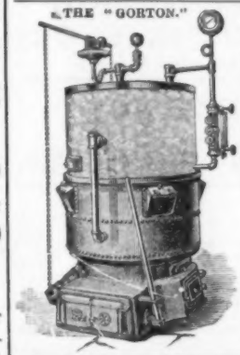

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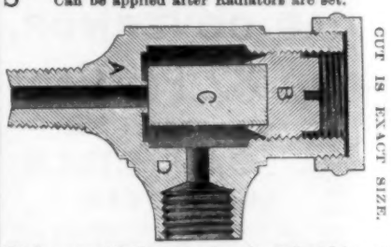

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ONE OF OUR OLDEST ADVERTISERS.

We ask attention this week for the advertisement of The National Fire Art Foundry on page iii. This establishment first placed an advertisement in this journal, March 4, 1876, and has kept it ever since that this time before our readers. Although rather a specialty is made of monumental statuary, this foundry possesses facilities for casting bronze work of any kind.

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PROPOSAL.

January 23, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock, P. M., on the 13th day of February, 1889, for the labor and materials required for the interior finish of the Post-Office, Court-House, etc., at Manchester, N. H., including iron stairs, the completion of floors, the plumbing, plastering, marblework and joiner work, glazed, painted and finished complete (heating apparatus and approaches not included) in accordance with the specification and drawings, copies of which may be seen at this office; the office of the Superintendent; the Master Builders' Association at Boston, Mass.; the Knights of Labor at Concord, N. H.; the Mechanics' Exchange at Worcester, Mass.; the Mechanics' and Traders' Exchange, New York, N. Y.; the Master Builders' Exchange, Albany, N. Y., and Builders' Exchange, Baltimore, Md. Each bid must be accompanied by a certified check for $500. The Supervising Architect will furnish a limited number of copies of the specification and drawings at $5 a set, upon receipt of that sum in post-office money-order, drawn to the order of the Treasurer of the United States. WILL. A. FRERET, Supervising Architect. 683

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See the first issue of the month for the following advertisements.

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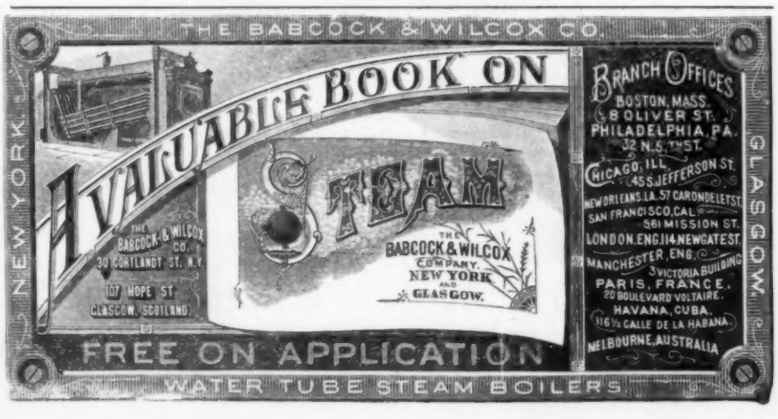

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8. The course of travel and study while abroad will be outlined by the editors of the *American Architect.*

December 22, 1888.

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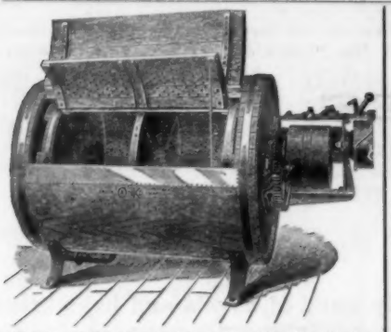

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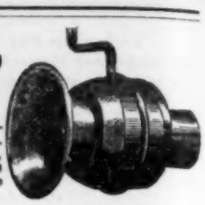

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BUILDING INTELLIGENCE.

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[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Boston, Mass.—*Pynchon St.*, near Cedar St., Ward 21, remodelling brick brewery; owners, H. & J. Pfaff; builder, W. F. Collins.

Boylston St., No. 14, alterations to building for The Town Club; cost, abt. $10,000; builders: Neil & Preble, masons; C. A. Noyes & Co., carpenters; architect, Frank W. Weston.

Brooklyn, N. Y.—*North Sixth St., No.* 96, two-st'y brick extension, gravel roof, front taken down and extended east 8′; cost, $3,000; owners, Armour & Co., on premises; architect and builder, J. W. Moyer.

Chicago, Ill.—G. A. Schmidt, four-st'y addition to factory, North St.; architect, B. F. Foos.

Philadelphia, Pa.—*Germantown Ave.*, s w Somerset St., two-st'y addition to stone stable; owner, Geo. S. Roth, East Union Ave.

North Front St., No. 1443, new front; owner, S. Benner, 3164 Richmond St.

Reese St., No. 2559, third story to brick dwell.; owner, George G. Huber, 2559 Reese St.

North Front St., No. 1830, new front and alterations; owner, Thomas W. Barnes, Wheatsheaf La. and Coral St.

Providence, R. I.—*Vinton St., No* 89, two-st'y frame addition; cost, $1,500; owners, Matthew S. McCord and wife; builder, Wm. Douglas.

St. Louis, Mo.—Repair fire damages; cost, $10,000; owner, E. J. Gay; architect, Isaac S. Taylor; contractor, J. L. Guedry.

Repair three-st'y brick stores; cost, $3,400; owners, L. A. Maffitt & Co., agt.; contractor, J. D. Fitzgibbon.

Alterations to front of brick dwell.; cost, $2,900; owner, T. M. Frost; contractors, McMurry, Smith & Judge.

Repair two-st'y brick store; cost, $2,500; owner, A. N. Demmel; sub-let.

Repair four-st'y brick store; cost, $3,000; owner, A. R. Allen; architect, Alex. Cameron; sub-let.

One-st'y brick addition to store-building; cost, $5,000; owners, Baer, Seasongood & Co.; architects, Grable & Weber; contractors, Goesse & Remmers.

Addition to brick machine-house; cost, $5,000; owners, Anheuser Busch Brew. Assn.; architects, Jungenfeld & Co.; sub-let.

BUILDING INTELLIGENCE.

APARTMENT-HOUSES.

Boston, Mass.—*Williams St., No.* 85, cor. Westminster St., Ward 19, four-st'y brick apartments, flat roof, 27′ x 69′; owner and builder, Ira Bradley.

Brooklyn, N. Y.—*Ralph St.*, n s, 275′ e Evergreen Ave., 2 two-st'y frame (brick-filled) flats, tin roofs; cost, each, $3,000; owner and mason, John Essig, Ralph St., near Evergreen Ave.; architect, J. Eirich; builder, J. Rueger.

Thirteenth St., n s, 150′ w Eighth Ave., 2 four-st'y brick flats, tin roofs; cost, each, $5,500; owner and builder, Wm. Brown, 448 Twelfth St.; architect, W. M. Coots.

St. Marks Ave., n s, 100′ w Underhill Ave., 2 four-st'y brick flats, gravel roofs; cost, each, $12,000; owner and mason, Thos. S. Robbins; architect, A. E. Davis.

Miller Ave., s e cor. Arlington Ave., 2 two and three-st'y frame flat, and store and flat, tin roofs; cost, each, $5,500; owner, John E. Wade, Lafayette and Patchen Aves.; architect, E. Dennis; builder, W. Wade.

Prospect Pl., s s, 125′ e Flatbush Ave., 2 five-st'y brick flats, tin roofs; cost, each, $10,000; owner, Mrs. Jno. J. Kierst, 309 East One Hundred and Ninth St., New York; architects, Standard Building Co., New York; builders, Jno. J. Kierst & Co.

Chicago, Ill.—L. J. McCormick, nine-st'y apartment, Ohio St.; cost, $350,000; architect, C. J. Warren.

S. Marshall, two-st'y flats, West Indiana St.; cost, $5,000; architects, Wilson, Marble & Lawson.

W. Pszohinski, two-st'y flats, North Hoyne St.; cost, $2,500; architect, F. W. Thomson.

A. Lanquist, two-st'y flats, Butterfield St.; cost, $5,000; architect, E. R. Krause.

J. H. Pieper, 2 two-st'y flats, Noble St.; cost, $5,000; architect, H. Clay.

G. T. Stoneham, three-st'y flats, Lincoln St.; cost, $6,000, architects, Lutken & Thissler.

P. Welter, two-st'y flats, Seminary Ave.; cost, $4,000; architect, T. A. Bougard.

J. Anderson, three-st'y flats, West Ohio St.; cost, $4,500; architect, L. Martenson.

New York, N. Y.—*Eighty-sixth St.*, n s, 146′ 4″ e Madison Ave., 2 five-st'y flats; owners, Dawson & Archer; architects, Buchman & Deisler.

Waverley Pl., No. 229, five-st'y brick, stone, and terra-cotta flat; cost, $21,000; owner, Asher Weinstein; architects, Herter Bros.

Seventy-first St., n s, 200′ e Third Ave., five-st'y brick and stone flat; cost, abt. $50,000; owner, W. H. Johnston; architects, A. B. Ogden & Son.

Madison Ave., n e cor. One Hundred and Sixth St., five-st'y brick and stone flat; cost, $20,000; owner, Hugh Brady; architect, Ed. Wenz.

West Fifty-eighth St., No. 102, five-st'y brick flat, mansard, tin, and slate roof; cost, $25,000; owner, Henry Clausen, Jr., 10 East Seventy-eighth St.; architect, Wm. Kuhles, 111 Broadway.

BUILDING INTELLIGENCE.

Sixth Ave., s w cor. Fifty-eighth St., 3 five-st'y brick flats, mansard, tin, and slate roofs; cost, $100,000; owner, Henry Clausen, Jr., 10 East Seventy-eighth St.; architect, Wm. Kuhles, 111 Broadway.

Monroe St., No. 23, five-st'y brick flat, tin roof; cost, $18,000; owner, Charles Downey, One Hundred and Fourteenth and One Hundred and Fifteenth Sts. and Second and Third Aves.; architect, Alex. I. Finkle, 169-171 Broadway.

One Hundred and Sixth St., s s, 250′ w Third Ave., 3 five-st'y brick flats, tin roofs; cost, $16,000; owner, John Hickey, 1729 Lexington Ave.; architect, Edward Wenz, 1491 Third Ave.

First Ave., s e cor. Thirty-second St., 4 five-st'y brick flats, tin roofs; cost, $100,000; owners, Wicke & Roesler, 34 East Sixty-eighth St.; architect, J. Kastner, 744 Broadway.

One Hundred and Thirty-third St., n s, 84′ w Lennox Ave., five-st'y brick flat, tin roof; cost, $20,000; owners, Hollister and Friedline, 214 East Forty-seventh St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Seventy-ninth St., n s, 105′ e Tenth Ave., 3 five-st'y brick flats, tin roofs; cost, $84,000; owner, Ellen M. Earle, 1496 Tenth Ave.; architect, James S. Post, 101 West Ninety-sixth St.

Broome St., Nos. 550-552, 2 five-st'y brick flats, tin roofs; cost, $40,000; owner, William Broadbelt, 161 West One Hundred and Twenty-eighth St.; architect, John C. Burne, 1531 Third Ave.

West Fifty-first St., No. 508, four-st'y brick flat, tin roof; cost, $16,000; owner, John B. Freudenberger, 507 West Fifty-first St.; architect, James W. Cole, 403 West Fifty-first St.

Willett St., No. 6, five-st'y brick flat, tin roof; cost, $20,000; owners, Fay & Stacom, 337 Pleasant Ave.; architects, Rentz & Lange, 153 Fourth Ave.

Eighty-ninth St., n s, 160′ e Third Ave., 4 five-st'y brick flats, tin roofs; cost, $80,000; owner, Wm. Gepner, 1722 Madison Ave.

One Hundred and Ninety-fifth St., n s, bet. St. Nicholas and Tenth Aves., five-st'y brick, stone and terra-cotta flat; cost, $50,000; architects, Rentz & Lange.

Madison St., No. 87, five-st'y brick and stone flat; owner, Isaac Gelles; architects, Herter Bros.

St. Louis, Mo.—Four adjacent two-st'y brick flats; cost, $11,000; owner, John H. Berters; architects, Barnett & Co.; contractors, Biermann & Ahring.

CHURCHES.

Americus, Ga.—New edifice for First Baptist Church; cost, $20,000.

Brunswick, Ga.—Brick synagogue; cost, $10,000.

Detroit, Mich.—Stone church and chapel for Congregational Society; architect, John Lyman Faxon, Boston.

Middleboro, Mass.—Frame church, 79′ x 102′; seating capacity of auditorum to be 405; gallery, 92; lecture-room, 200 persons; tower to be 100 feet high;

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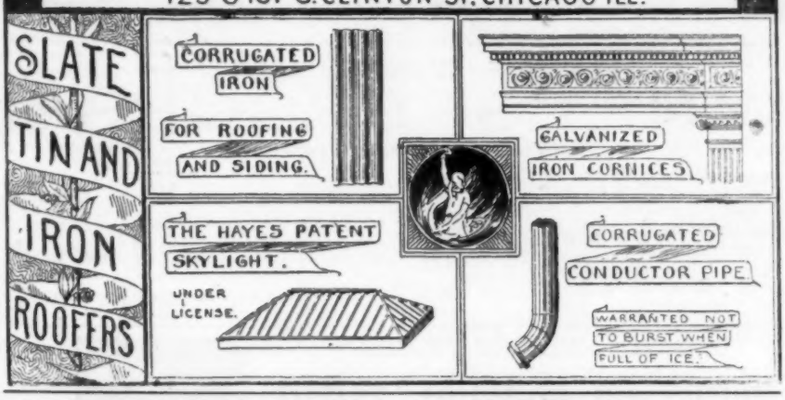

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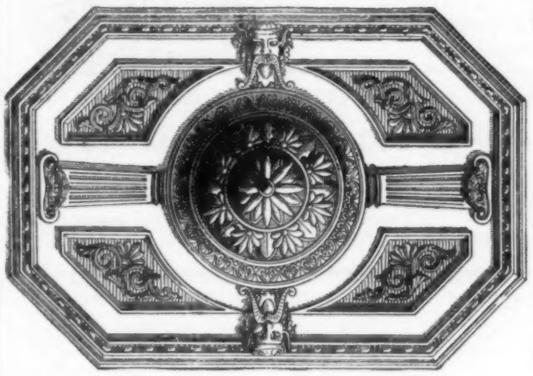

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windows of cathedral glass; cost, abt. $16,000; owners, Baptist Society; contract to be let; architect, S. S. Woodcock, Boston.

FACTORIES.

Chicago, Ill.—W. W. Henderson, five-st'y factory, Canal St.; cost, $60,000; architect, W. A. Furber.

HOTELS.

Paris, Ky.—Three-st'y hotel; owner, Ford; architects, Aldenburg & Scott.

HOUSES.

Baltimore, Md.—Jos. Rieman, 3 three-st'y brick buildings, s s Baltimore St., com. s e cor. Pine St.

J. W. Sindall, 6 three-st'y brick buildings, s s Biddle St., beg. s w cor. Greenmount Ave.

Henry Westfall, 2 two-st'y brick buildings, w s Charles St., s Barney St.

Boston, Mass.—*Folsom St., Nos.* 32-34, Ward 20, two frame dwells., 20′ x 49′; owner and builder, G. A. Clifford.

Alexander Ave., Nos. 50-62, Ward 20, 5 three-st'y and 2 two-st'y frame dwells., pitch roofs, abt. 20′ x 30′; owners, F. M. & A. G. Frost; builder, C. Bautlenhouse.

Smith St., cor. Bumstead La., Ward 22, three-st'y brick dwell., mansard roof, 50′ 4″ x 72′; owners, Society of Redemptionists; builders, R. Gilbert & Son.

Stanton Ave., e s, near Norfolk St., Ward 24, two frame dwells., 13′ x 47′; owner and builder, R. C. Hulbert.

Winship St., near Washington St., Ward 25, frame dwell., 24′ x 30′; owner, Geo. Roeder; builder, A. Frazer.

Blue Hill Ave., cor. Autumn St., Ward 23, three-st'y frame dwell., pitch roof, 28′ x 40′; owner and builder, G. C. Angell.

Sycamore St., cor. Ridge St., Ward 23, frame dwell., 20′ x 28′; owner, W. Bennett; builder, John Purdy.

Townsend St., frame dwell., 40′ x 50′; cost, abt. $8,000; owner, E. J. Anthony; contract to be let; architect, Frank W. Weston.

Jamaica Plain, Mass.—*Greenough Ave.*, frame dwell., 35′ x 48′; cost, abt. $8,000; owner, F. S. Woodman; contract to be let; architect, Frank W. Weston, Boston.

South Framingham, Mass.—*Union Ave.*, frame double dwell., 42′ x 50′; cost, abt. $6,000; owner, Richard Nelson; builder, J. P. Kyte; architect, W. Frank Hurd, Boston.

St. Louis, Mo.—Two-st'y and mansard brick dwell.; cost, $3,200; owner, Nicholas Beirlein; contractors, Kluthe & Boche.

Two-st'y brick dwell.; cost, $2,800; owner, John McMahon; architect, J. B. Reid; sub-let.

Two-st'y brick dwell.; cost, $5,000; owner and architect, C. K. Ramsey; sub-let.

Three adjacent two-st'y brick dwells.; cost, $3,000; architect, A. Beinke; sub-let.

Two adjacent two-st'y brick dwells.; cost, $2,500; architect, A. Beinke; sub-let.

Two-st'y frame dwell.; cost, $5,000; owner, E. A. Garesche; sub-let.

Two-st'y and mansard frame dwell.; cost, $4,100; owner, O. F. Olters; contractor, R. Doerste.

Two-st'y brick dwell.; cost, $3,500; owner, C. A. Rosebrought; architect, W. H. Foster.

Two-st'y brick dwell; cost, $4,000; owner and contractor, J. H. Dunlap.

Two-st'y brick dwell.; cost, $3,000; owner, Mr. Bohn; contractor, C. Henke.

Six adjacent two-st'y brick dwells.; cost, $15,000; owners, J. & P. Sheahan; architect, G. B. Reed; contractor, John Costello.

Four adjacent two-st'y brick dwells.; cost, $6,700; owner and contractor, Dennis Clifford.

Two-st'y brick dwell.; cost, $2,500; owner and contractor, J. C. Newberry.

Two-st'y brick dwell.; cost, $2,500; owner and contractor, R. Dietman.

Two-st'y and mansard brick dwell.; cost, $5,000; owner and contractor, C. C. Linnenkohl.

Two-st'y and mansard brick dwell.; cost, $4,500; owner, F. Zimmermann; contractors, C. C. Linnenkohl & Conry.

OFFICE-BUILDINGS.

New York, N. Y.—*Wall St., Nos.* 31-33, the Mechanics' National Bank will build a handsome office-building; cost, abt. $250,000; architect, Chas. W. Clinton.

PUBLIC BUILDINGS.

Rosedale, Miss.—Two-st'y county court-house; cost, $30,000; architects, Bartlett & Thompson, Little Rock, Ark.; builders, Fuop & Rickon, Little Rock, Ark.

RAILROAD BUILDINGS.

Braintree, Mass.—Brick railroad station, 36′ x 96′, for Old Colony R. R.; cost, abt. $16,000; builder, John W. Clark; architect, W. Frank Hurd, Boston.

SCHOOL-HOUSES.

Salem, Mass.—Plans are being prepared by Lord & Fuller, architects, Boston, for remodelling high school building; cost, abt. $45,000.

STABLES.

Brooklyn, N. Y.—*Bridge St., Nos.* 246-248, three-st'y brick stable, tin roof; cost, $12,000; owner, John Mullins, Myrtle Ave. and Lawrence St.; architect, C. F. Eisenach; builders, T. Donlon and W. Schepper.

Philadelphia, Pa.—*Manayunk Ave. and Camac St.*, one-st'y stone stable; owner, A. T. Atwood, s e cor. Tenth and Locust Sts.

Federal St., e Fifteenth St., two-st'y brick stable; owner, Samuel Woods, 1204 South Fifteenth St.

Codwallader St., No. 1446, brick stable; owner, James J. McPeak, 1540 Lawrence St.

Lancaster Ave., No. 4533, two-st'y brick stable; owner, G. W. Haws, 2025 Brown St.

Two-st'y brick stable; owner, Michael Cooney, 3524 College Ave.

STORES.

Brooklyn, N. Y.—*Myrtle Ave., No.* 764, s s, 75′ e Nostrand Ave., three-st'y brick store and lofts, gravel roof; cost, $3,500; owners, A. M. Levy and M. Eisig, 760 Myrtle Ave.; architect, J. G. Glover; builder, P. McQuigan.

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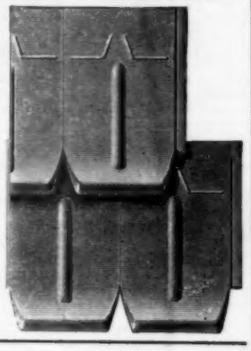

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BUILDING INTELLIGENCE.

Oakland St., s w cor. Freeman St., three-st'y frame store and dwell., tin roof; cost, $5,300; owner, H. Geerken, 495 Manhattan Ave.; architect, Th. Engelhardt.

Flatbush Ave., s e cor. Prospect Pl., five-st'y brick store and flat, tin roof; cost, $15,000; owner, Mrs. John J. Kierst, 309 East One Hundred and Ninth St., New York; architects, Standard Building Co.; builders, J. J. Kierst & Co.

Flatbush Ave. and Prospect Pl., 60′ from s e cor. said Sts, 3 five-st'y brick stores and flats, tin roofs; cost, each, $8,000, $9,500 and $11,500; owner and contractor, same as last.

Meeker Ave., n w cor. North Henry St., 2 three-st'y frame stores and tenements, tin roofs; cost, each, $2,500; owner, Anthony McElroy, 264 North Sixth St.; architect, A. Herbert; builder, J. Rueger.

Stuyvesant Ave., n e cor. Halsey St., four-st'y brownstone store and tenement, tin roof; cost, $18,000; owner and architect, Walter F. Clayton, 917 Gates Ave.; contractor, day's work; mason, Jas. Rickard.

Flatbush Ave., e s, 123 s Prospect Pl., 2 five-st'y brick stores and flats, tin roofs; cost, each, $9,000; owner, Mrs. John J. Kierst; architects, Standard Building Co.; builders, J. J. Kierst & Co.

Lexington, Ky.—Three-st'y brick store; cost, $8,500; owners, L. & G. Strauss; architect, H. L. Rowe.

Philadelphia, Pa.—*Cox St.*, e s, n Somerset St., 4 three-st'y stores; owner, T. W. Smaltz, 1545 Hutchinson St.

Otsego St., bet. Somerset and Sumac Sts., two stores; owner, Wm. Smaltz, 1545 Hutchinson St.

St. Louis, Mo.—Two-st'y brick store and rooms; cost, $4,800; owner, architect, and contractor, J. Cavanaugh.

Seven-st'y brick store and rooms; cost, $150,000; owner, Daniel M. Houser; architect, C. K. Ramsey; sub-let.

Two adjoining two-st'y brick stores and rooms; cost, $5,000; owner and contractor, J. Jameton; architects, Kirchner & Kirchner.

Two-st'y and mansard brick store and rooms; cost, $7,500; owner, H. Schaffer; architect, H. E. Pelpers; contractor, H. F. Mueller.

Three-st'y brick store and rooms; cost, $4,500; owner, B. F. Hammett; architect, Foster; contractors, Thompson & Valleroy.

Three-st'y brick store and flats; cost, $3,950; owner, R. Keinsmidt; architect, A. J. Wilhelm; contractor, Jas. Wondeachok.

Six-st'y brick store; cost, $25,400; owner, J. C. Ghio; architects and contractors, S. G. McCormack & Son.

Three-st'y brick store and flats; cost, $2,950; owner, John Monscher; contractor, John Schott.

TENEMENT-HOUSES.

Brooklyn, N. Y.—*Maujer St., Nos.* 16-18, 2 four-st'y frame (brick-filled) tenements, tin roofs; cost, each, $6,000; owner, W. A. Wells, 367 Grand St.; architect, B. Finkensieper.

Hancock St., w s, 190′ w Ralph Ave., four-st'y brick tenement, tin roof; cost, $10,000; owner, I. H. I. Choyce, 212 Livingston St.; architect, M. Hinds; builder, J. Choyce.

Gates Ave., No. 1536, three-st'y frame (brick-filled) tenement, tin roof; cost, $4,500; owner, Kate Motchenbochen, 77 East Broadway, New York; architect, T. J. Beir.

Kossuth Pl., n s, 150′ e Broadway, 2 four-st'y frame (brick-filled) tenements, tin roofs; cost, $12,000; owner and builder, Charles E. Hanson, 58 Himrod St.; architects, D. Acker & Son.

Palmetto St., s s, 225′ w Central Ave., 2 three-st'y frame tenements, tin roofs; total cost, $9,000; owner and builder, M. Kaiser, 144 Palmetto St.; architect, F. Holmberg.

Grove St., s s, 164′ w Evergreen Ave., 2 three-st'y frame tenements, tin roofs; cost, each, $11,000; owner, Chas. Lindemann, 77 Linden St.; architects, W. Field & Son.

Providence, R. I.—*Payton St.*, n s, near Broad St., one-and-one-half-st'y frame tenement; cost, $1,300; owner, Lillian Remick.

Hall St., e s, two-and-one-half-st'y frame tenement; cost, $1,700; owner, John O'Neil.

Atwells Ave., s w cor. Albro St., four frame tenements; cost, $3,80 ; owner, Dennis McAudle; builder, John Platt.

St. Louis, Mo.—Two-st'y brick tenement; cost, $3,800; owner, Chas. Ladenberger; contractors, Henner Bros.

Two-st'y brick tenement; cost, $2,700; owner, Bernard Haffertepe; contractor, Albert Vosse.

WAREHOUSES.

Baltimore, Md.—Jas. Rieman, six-st'y brick warehouse, n e cor. Howard and Saratoga Sts.

Five six-st'y brick and stone warehouses on Sharp St., bet. Lombard and Pratt Sts.; cost, abt. $175,000; owner, John King, Jr.; architects, Baldwin & Pennington; builders, Ferguson & Bro.

Chicago, Ill.—National Tube Works, warehouse, cor. Curtis St. and Carroll Ave.; architect, J. C. Tarbell.

New York, N. Y.—*Broadway, Nos.* 549-551, ten-st'y fireproof warehouse; cost, abt. $500,000; owner, Chas. P. Rouss; architects, A. Zucker & Co.

MISCELLANEOUS.

Boston, Mass.—*Washington St., Nos.* 1280-1282, Ward 17, four-st'y brick mercantile building, flat roof, 24′ 3″ x 100′; owner, Hales W. Suter; builder, J. Y. Mainland.

Congress St., No. 350, rear, Ward 13, three-st'y frame storage, flat roof, 50′ x 109′; owners, Boston Wharf Co.; builders, Gerry & Northrup.

State St., Nos. 49-67; *Kilby St., Nos.* 1-27; *Exchange Pl., Nos.* 2-26; *Congress St., Nos.* 20-30, *and Post Office Ave.*, Ward 6, eleven-st'y brick and stone building for banks and offices, flat roof, 51′ 10″ x 235′; owners, State St. Exchange.

Cleveland, O.—The old Baptist Church, cor. Euclid Ave. and Erie St., in the course of a month will be torn down, and in the spring Mr. Charles Hickox will commence building a large business block, which will cover the entire lot. Mr. Hickox has not yet matured his plans nor selected an architect, he expects to have the block finished in about six months after it is started. The new building will be a substantial and handsome structure.

The Bradley estate is preparing to build a brick block, s w cor. Superior St. and Willson Ave. The new building will probably be only two stories high for the present, but the walls will be made substantial, so to permit of enlargement when the business of that locality warrants it.

Lexington, Ky.—Northern Bank contemplates a $50,000 bank-building this spring.

Chamber of Commerce, to cost $45,000, is proposed to be built this spring.

New York, N. Y.—The Armory Board have awarded the following contracts for the Twenty-second Regiment Armory at Sixty-eighth St., Ninth Ave , and the Boulevard, Jno. P. Leo, architect: James D. Murphy, mason, $112,980; T. R. Lantry, carpenter, $72,750; Wallace Iron Works, iron, $59,000; C. Nally, plumbing, etc., $22,240.

Henry S. Ihnen has plans on the boards for a new club-house which the Hoboken Quartet Club propose to have built; cost, $50,000.

Philadelphia, Pa.—*Shurs La.*, bet. Main and Cresson Sts., brick coal-office; owners, Streese & Mispiner, Shurs La., Manayunk, Pa.

North Eighth St., Nos. 2316-2318, two-st'y sheet-iron fireproof-building; owners, John F. Snyder & Co., 2316 North Eighth St.

Judson St. and Ridge Ave., one-st'y brick office-building; owner, Harry C. Nichols, 1029 Filbert St.

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Alleghany Ave., s s, w Eighteenth St., three sheds covered with iron; owner, Henry Warden, s w cor. Seventeenth and Westmoreland Sts.

Passyunk Ave., No. 623, brick workshop; owner, F. Schad, 617 Passyunk Ave.

St. Louis, Mo.—One-st'y brick boiler and pitching house; cost, $10,000; owners, Anheuser Busch Brew. Assn.; architects, E. Jungelfeld & Co.; sublet.

Brick kilns; cost, $3,200; owner, Henry Pahl.

PROPOSALS.

PROPOSALS FOR DREDGING. United States Engineer Office, Cleveland, O., January 9, 1889. Sealed proposals, in duplicate, will be received at this office until 12 o'clock M., on Tuesday, the 29th day of January, 1889, and then opened, for excavating 920,000 cubic yards, more or less, of material from Maumee Bay along line of proposed straight channel for Toledo Harbor, O. Preference will be given to materials and plant of domestic production or manufacture, conditions of quality and price (import duties included) being equal. The attention of bidders is invited to Acts of Congress approved February 26, 1885, and February 23, 1887, Vol. 23, page 332, and Vol. 24, page 414, statutes at large. All information can be obtained at this office. The United States reserves the right to reject any or all proposals. L. COOPER OVERMAN, Major of Engineers. 683

OFFICERS' QUARTERS.
[At Fort Monroe, Va.]
FORT MONROE, January 14, 1889.

Sealed proposals, in triplicate, subject to the usual conditions, will be received at this office **until 12 o'clock M., February 14, 1889,** and then opened, for the construction of three double sets of officers' quarters at Fort Monroe, Va.

All information furnished by this office upon application.

The United States reserves the right to reject any or all proposals.

Envelopes containing proposals should be marked "Proposals for Officers' Quarters," and addressed to CHARLES BIRD,
Captain and Assistant Quartermaster, U. S. Army.
684

METAL WORK.
[At Maryland Shore.]
OFFICE OF THE LIGHT-HOUSE ENGINEER, FIFTH AND SIXTH DISTRICT,
BALTIMORE, MD., January 19, 1889.

Sealed proposals will be received at this office **until 12 M., of Wednesday, the 13th day of February, 1889,** for furnishing the materials of all kinds necessary for the completion and delivery of the metal work of the Holland's Island Bar, Md., and Great Wicomico River, Va., Light-Houses.

Plans, specification, forms of proposal and other information may be obtained on application to this office.

The right is reserved to reject any and all bids, and to waive any defects.

J. C. MALLERY,
Captain of Engineers, U. S. Army, Light-House Engineer, Fifth and Sixth Districts.
685

Y. M. C. A. BUILDING.
[At Providence, R. I.]
PROVIDENCE, R. I., January 7, 1889.

Sealed proposals for the erection of the Y. M. C. A. Building, on the corner of Westminster and Jackson Streets, Providence, R. I., will be received **until 12 M., Monday, February 4, 1889,** at the office of Stone, Carpenter & Willson, architects, 65 Westminster Street, where the plans and specifications may be seen and information obtained by bidders.

The right to reject any and all bids is reserved.

G. W. R. MATTESON,
BENJAMIN F. ARNOLD,
A. B. MCCRILLIS,
H. N. CAMPBELL, JR.,
EUGENE W. MASON,
} Committee on Plans.

SCHOOL FURNITURE.
[At Washington, D. C.]
WASHINGTON, D. C., January 16, 1889.

Sealed proposals will be received at the office of the Commissioners of the District of Columbia till **Friday, February 1, at 12 o'clock, noon,** for furnishing to the public schools of the District of Columbia the following described school furniture, viz.: 352 No. 1 Grammar School desks and chairs, more or less; 572 No. 2 Grammar School desks and chairs, more or less; 708 No. 3 Grammar School desks and chairs, more or less; 408 No. 4 Grammar School desks and chairs, more or less; 60 No. 4 Primary School desks and chairs, more or less; 385 No. 5 Primary School desks and chairs, more or less; 70 teachers' desks and chairs, more or less; 51 teachers' tables and chairs, more or less.

Samples must be submitted with bids.

The bids for pupils' desks must be for the desk and chair pattern only, and prices must include the furnishing and setting to the floors in the different school buildings.

The furniture must be delivered and set to the floors on or before July 1, 1889.

WILLIAM B. WEBB,
SAMUEL E. WHEATLEY,
CHARLES W. RAYMOND,
Commissioners of the District of Columbia.
683

PROPOSALS.

ELECTRIC LIGHTING.
[At St. Louis, Mo.]
OFFICE OF THE BOARD OF PUBLIC IMPROVEMENTS,
ST. LOUIS, MO., January 8, 1889.

Sealed proposals for the public work hereinafter mentioned will be received at the office of the Board of Public Improvements of the city of St. Louis, Mo., **until 12 A. M. of the 28th day of February, 1889,** at which hour they will be publicly opened and read, viz.:

For lighting with electricity for the term of ten years from January 1, 1890, the streets, public places, and such public buildings as may be designated in the following districts of the city of St. Louis, Mo., viz.:

Letting No. 2,503. The district described as the southern district in ordinance numbered 14,697, approved December 29, 1888.

Deposit required, $5,000.

Letting No. 2,504. The district described as the northern district in ordinance number 14,697, approved December 29, 1888.

Deposit required, $5,000.

Bidders will state prices per annum at which arc-lights of 2,000-candle-power each, or incandescent lights of 30-candle-power each, will be furnished, operated, and maintained for lighting streets and public places; also prices per annum at which arc-lights of 2,000-candle-power each, or incandescent lights of 16-candle-power each, will be furnished, operated, and maintained for lighting public buildings.

Everything required for the above electric lighting shall be furnished and maintained by the contractor.

The contract with the city will carry the privilege of furnishing electricity for light and power to private parties and corporations along the lines of distribution.

The contract will contain stipulations by which the city of St. Louis may acquire the entire electric plant and appurtances at the expiration of the contract.

Bidders must submit with proposals general and detailed plans and specifications of the proposed system of distributing the electricity, modes of supporting the lights and wires, and of safety appliances.

Proposals must be made on blank forms, and inclosed in envelopes furnished by the Board of Public Improvements. The certificate of the Treasurer of the city of St. Louis that the sum of $5,000 has been deposited in the treasury must be inclosed with the proposal.

The right to reject any or all proposals is expressly reserved.

Specifications, form of contract, and plans of the districts to be lighted may be seen at the office of the President of the Board of Public Improvements of the city of St. Louis, on and after January 28, 1889.

Any contract let hereunder will require the approval of the Municipal Assembly by ordinance.

By order of the Board.

HENRY FLAD, President.
Attest: EMORY S. FOSTER, Secretary.
685

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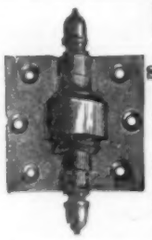

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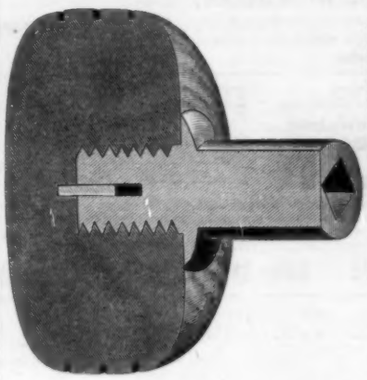

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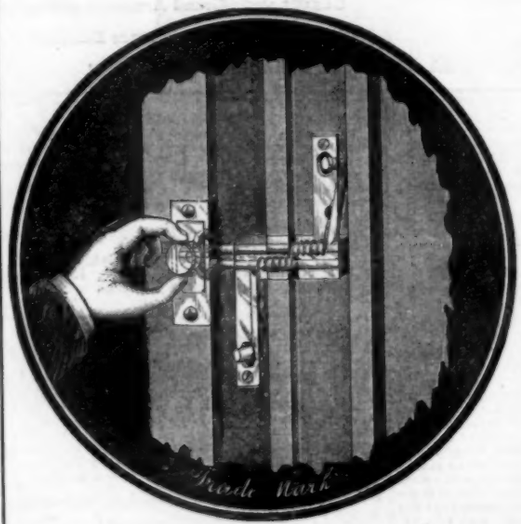

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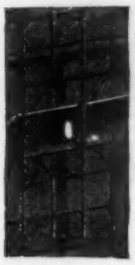

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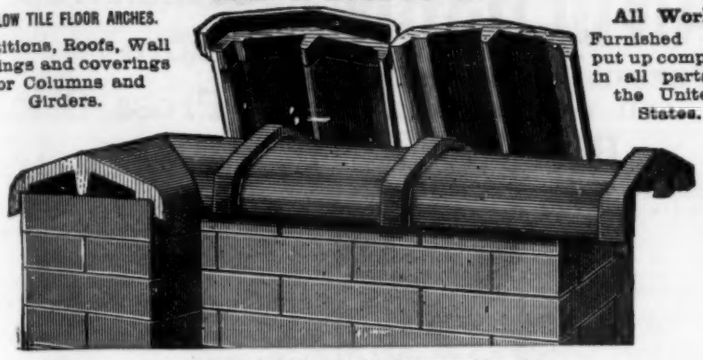

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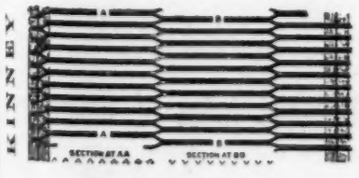

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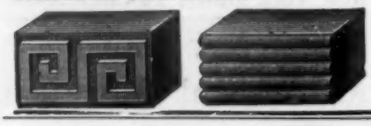

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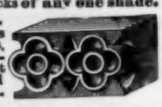

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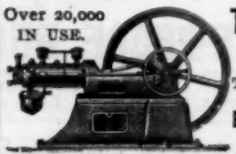

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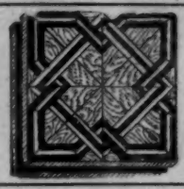

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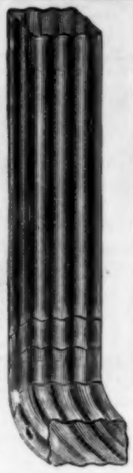

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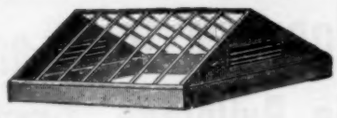

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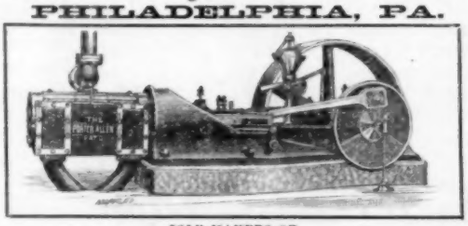

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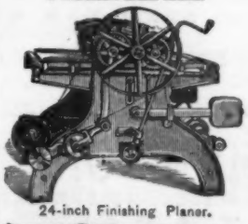
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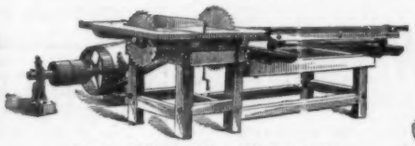
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BUILDING MATERIALS. LUMBER.—₱ M.	New York. (Wholesale Prices.)	Boston. (Wholesale Prices.)	Chicago. (Prices to Builders and Contractors.)	Philadelphia. (Prices to Builders and Contractors.)
Boards: (*Ordinary dimensions.*)				
Pine, 1st quality, clear	65 00 @ 75 00	50 00 @ 60 00	47 00 @ 48 00	55 00 @ 60 00
" 2d quality	55 00 @ 60 00	42 00 @ 50 00	43 00 @ 45 00	40 00 @ 50 50
" 3d quality	18 00 @ 22 00	35 00 @ 40 00	39 00 @ 41 00	15 00 @ 30 00
Spruce	@ 25 00	12 00 @ 25 00	*Not sold.*	@ 35 00
Hemlock	ea. 13½ @ 14	13 00 @ 15 00	@ 11 00	@ 14 00
Yellow pine	20 @ 40	25 00 @ 35 00	@ 2100	20 00 @ 50 00
Cypress	@	32 00 @ 40 00	@	40 00 @ 45 00
Clapboards:				
Pine	@	33 00 @ 55 00	10 00 @ 2100	70 00 @ 85,00
Spruce	@	15 00 @ 35 00	*Not sold.*	*Not Sold.*
Framing Timber:				
Pine			13 00 @ 16 00	25 00 @ 32 50
Spruce	14 00 @ 18 00	15 00 @ 18 00	*Not sold.*	20 00 @ 22 50
Hemlock	12 00 @ 16 00	12 50 @ 15 00	10 00 @ 10 50	11 25 @ 13 50
Yellow pine	18 00 @ 21 00	24 00 @ 35 00		26 00 @ 28 00
Laths:				
Pine	@	2 25 @ 2 35	@ 2 20	@ 2 50
Spruce	@ 2 25	2 25 @ 2 50	*Not sold.*	2 50 @ 3 00
Shingles:				
Pine, shaved ₱ M	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed "	4 00 @ 5 00	@ 4 50	2 35 @ 2 60	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood ₱ 125	1 40 @ 1 60	3 75 @ 4 00	6 50 @ 8 00	20" $35 @ 40
Cedar, split ₱ M	@		*Not sold.*	24" 8 @ 21
Cedar, sawed "	@	2 00 @ 4 00	2 20 @ 2 45	20" 35 @ 14
Cypress. Split....7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 75 @ 4 25	11 00 @ 18 00
Miscellaneous:				
Pilos ₱ ft.	4½ @ 5½	Piles 6c. ₱ ft.	Cut to order.	
Fence pickets, Common "	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	12 00 @ 14 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	70 @ 1 25
Chestnut "	@	25 @ 50	*Not sold.*	26 @ 32
Finishing Woods: ₱ M. (*First Qual.* [*Kiln dried.*)				
Ash	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	45 00
Cherry	80 00 @ 120 00	65 00 @ 120 00	80 00 @ 110 00	75 00 @ 80 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 5500	70 00 @ 80 00
Hard-pine floors (rift)		48 00 @ 50 00		
Mahogany, Baywood [Mexican]	@180 00	150 00 @ 160 00	150 00 @ 180 00	150 00 @ 250 00
" St. Domingo	@350 00	120 00 @ 350 00	220 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	35 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	35 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 80 00	45 00 @ 60 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 45 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	30 00 @ 75 00	45 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ₱ lb.	@ 0		@ 7	
Spruce floors (clear, kiln-dried)		30 00 @ 32 00		
Walnut, black	125 00 @ 150 00	80 00 @ 120 00	90 00 @ 110 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	30 00 @ 35 00	25 00 @ 40 00
Yellow pine ₱ M	@ 45 00	40 00 @ 42 00	33 00 @ 38 50	27 50 @ 45 00

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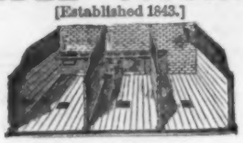

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BUILDING MATERIALS.

Reported for the American Architect and Building News.

BRICK. — ₱ M.	New York. (Wholesale Prices.)	Boston. (Prices to Builders and Contractors.)	Chicago.	Philadelphia.
Common: *Cargo afloat.*				
Pale	3 50 @ 4 00	Eastern	Building Brick	Sq. Hard @ 12 00
Jersey	6 50 @ 7 50	8 00 @ 8 50	5 50 @ 6 50	" @ 12 00
Long Island	7 50 @ 8 00	Bay State Hard		Salmon @ 7 00
Up River	7 25 @ 7 75	9 50		Sq. " @ 9 00
Haverstraw Bay 2nd	7 75 @ 8 00	Domestic Com.	Indiana Pressd	Light Stretchers
" 1st	8 00 @ 8 25	9 00 @ 9 50	16 00 @ 22 00	@ 12 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Medium "
Fronts		18 00 @ 20 00	@ 27 00	@ 14 00
Croton, Brown	14 00 @ 15 00	Philadelphia		Red "
" dark	15 00 @ 16 00	40 00 @ 45 00		@ 15 00
" red	15 00 @ 16 00	Phila. mould		Dark "
Chicago pressed (Anderson)		50 00 @ 80 00		@ 15 00
Chicago Moulded (Anderson)			18 00 @ 27 00	Pressed
Baltimore	37 00 @ 41 00		65 00 @ 350 00	22 00 @ 25 00
Philadelphia	27 00 @ 28 00		@ 55 00	Best Paving
Trenton	@ 27 00		45 00 @ 50 00	@ 16 00
Milwaukee			45 00 @	Second "
Moulded:		Glens Falls	25 00 @	@ 14 00
Clark's Glens Falls — Red	25 00 @ 27 00	Mould.	60 00 @ 100 00	Third "
" — White	30 00 @ 35 00	30 00 @ 35 00	30 @	@ 13 00
White " Mold	45 00 @ 60 00	35 00 @ 40 00	35 @	
Enamelled: *Imp.*		45 00 @ 60 00	55 00 @ 65 00	
Enamelled (edge)	85 00 @ 100 00		@ 100 00	Dom. @
Enamelled (edge and end)	90 00 @ 115 00		@ 120 00	@
CEMENT, LIME, etc.—(₱ cask.)				
Rosendale Cement	1 15 @ 1 25	@ 1 40	*Not Sold.*	1 30 @ 1 50
Louisville "			1 05 @ 1 30	B & S.E. 275 @ 300
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	*Not sold.*	1 60 @ 1 25	" @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	@ 3 00	2 75 @ 3 25	" @ 3 15
" " (K. B. & S.)	2 35 @ 2 50	@ 2 85	3 00 @ 3 25	" @ 3 00
" " Black Cross	2 25 @ 2 50	@ 2 85	3 00 @ 3 25	" @ 3 15
" " (Burham)	2 50 @ 2 80	@ 2 85	2 90 @ 3 15	" @ 2 75
" " (White's)	2 65 @ 3 00	@ 2 85	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 35 @ 2 85	3 00 @ 3 50	3 00 @ 3 25	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	2 80 @ 3 15	2 50 @ 2 75
" " (Vorwohler)	2 50 @ 2 90		2 80 @ 3 15	Josson
" " (Lagerdofer)		*Not sold.*	2 75 @ 3 00	2 50 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	2 85 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not Sold.*	2 75 @ 3 00
" " Stettin, (Anchor)	2 35 @ 2 85		*Not Sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 50 @ 2 75
Roman	2 75 @ 3 00	@ 3 20	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	7 00 @ 7 50	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	11 00 @ 12 00	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime
Hydraulic Lime	@ 1 45	@ 1 35	55 @	25 @ 30 ₱ bush
Chicago Lime in bulk		St. John 1 00	60 @	White Mass
Wisconsin "			*Not sold.*	@ 1 25 @ 150
Rockland and Rockport, (Com.)	@ 1 00	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 1 20	@ 1 10	1 00 bulk, 75c.	
Kelley Island Lime, finish	@ 1 20	@ 1 20	*Not sold.*	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing "	@ 1 10	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined.)	1 20 @ 1 25	1 85 @ 1 90	1 85 @ 1 90	1 25 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ bush	18 @ 21	25 @ 30	20 @ 25	22 @ 30
" (Goat)	25 @ 28	@ 30	30 @ 55	30 @ 35
Sand, ₱ load	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ cubic foot, rough.)				
Granite: (Maine)		@ 60		55 @ 60
Limestone:	45 @ 1 25			
Bedford	@ 1 00	95 @ 1 00	50 @	75 @ 90
Joliet	@		35 @ 55	Richmond
Lemont	@		35 @ 60	75 @ 1 85
Serpentine	@		@ 1 00	4 50 ₱ Perch

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Foundation:				
Dimension	@	5 00 ℔ ton	20 @ 2	@ 5 00
Block	@	4 00 ℔ perch		Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 20
Planed	50 @ 6 00	75	50 @ 1 00	45 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		95 @ 1 16
Kibbe	@ 90	90 @ 1 10		
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	55 @ 1 00
Berea } Ohio	75 @ 1 00	80 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 40
New Brunswick (Dorchester)	@ 1 60	75 @ 90	"	1 00 @ 1 10
Caen	@	@ 2 00	"	1 25 @ 1 50
Carlisle, English	@ 1 05	80 @ 90		95 @ 1 10
Corse Hill (Scotch)	1 05			
Marble (℔ *cu. ft.*)				
Lee, Mass.	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and Blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2,00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined	@	50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna	@	3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red	@	1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville	@	85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@		*Not sold.*	2,00 @ 3 00
Vermont, white	@	1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate; Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
" " Chapmans	— —	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 00 @ 7 50	7 00 @ 9 50	@ 5 35
Tiles, Am. ℔ M.	@		*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil,* ℔ *lb.*)				
White lead, Am.	7 @ 7½	7 @ 7½	6½ @ 7½	7 @ 7½
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	6½ @ 7
Red lead, Am.	6½ @ 7	7 @ 7½	6½ @ 7½	6½ @ 6½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. @ 60
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	8 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	@ 16
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" @ 24
Black, lamp,	15 @ 25	15 @ 25	8 @ 30	@ 15
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw) (℔ gal.)	56 @ 58	58 @ 60	57 @ 58	@ 59
" " boiled	59 @ 61	61 @ 63	60 @ 61	@ 64
Turpentine	47 @ 48	48 @ 51	50½ @ 51½	@ 53
Varnish, coach		1 50 @ 6 00	1 25 @ 2 00	@ 3 00
Shellac		2 50 @ 3 00	2 25 @ 4 00	@ 3 00
Putty	2 @	2 @ 4	02 @ 02½	@ 2
Whiting } dry	75 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.) } dry	1 50 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Litharge, Am.	5½ @ 6	5½ @ 6½	6½ @ 7½	6 @ 6½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	@ 14
Umber "	14 @ 20	14 @ 20	2 @ 16	@ 12
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85		2 15 @	pr kg @ 2 10
10d. common	@ 2 60	@ 2 30	@ 2 25	@ 2 30
Shingle	@ 3 35	@ 2 80	@ 2 75	@ 3 40
Lath	@ 4 85	@ 3 70	@ 3 65	4 50 @ 5 50
Finishing nails according to size.)			Add .85 to $1.15	per lb 11 @ 14
(*For casing nails add 75c. per keg.*)			" .50 to .90	Add pr cask
Butts: 4"x 4" (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 16
Japanned	@ 1 50	@ 1 75	*Not sold.*	1 75 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 75 @ 2 00
Ball Tip, Boston Finish. (℔ pair.)	@ 65	@ 50	*Not sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 45
Brass (or cupboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony				@ 35
Apple wood				37 @ 1 00
Knobs; (℔ *Set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hematite	*Not sold*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 20	@ 10	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 2 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 %	22 @ 35
Sheet Lead		@ 7½		
Lead Pipe		@ 6½		
Iron:				
I-Beams, up to and including 30 ft	3 3-10 @ 3½	2 8-10 @ 3	@ 4	@ 2 8-10
I-Beams, over 30 ft. ½, ¼, ½ c. advance.		@	@ 4	@ 2 8-10
Channel-Beams	3 3-10 @ 3½	2 8-10 @ 3	@ 4	@ 2 8-10

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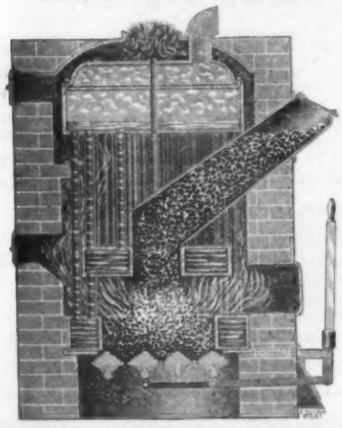

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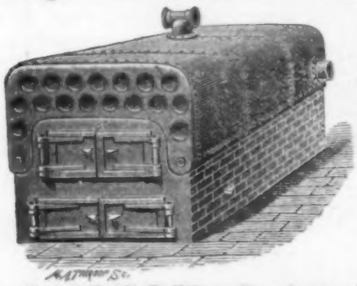

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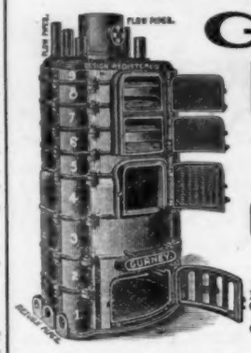

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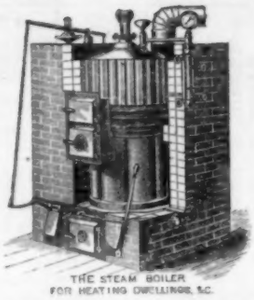

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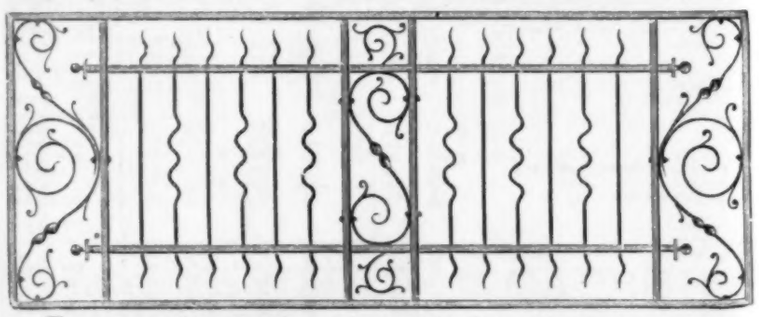

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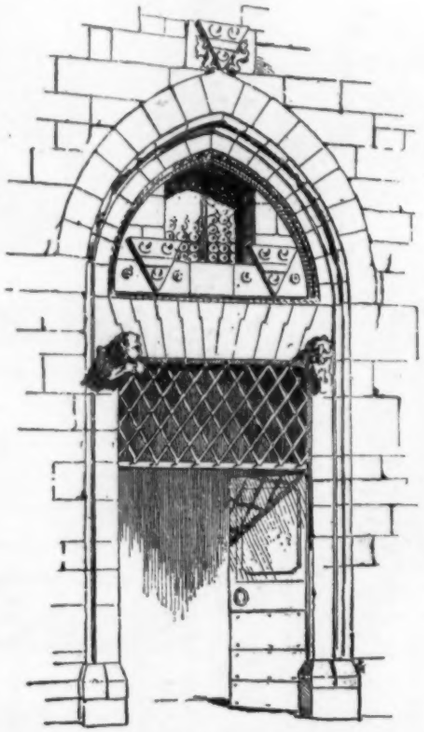

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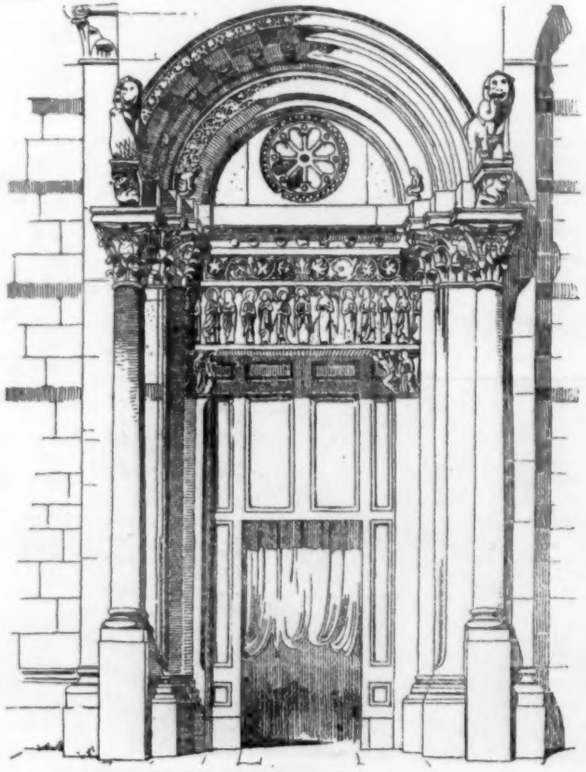

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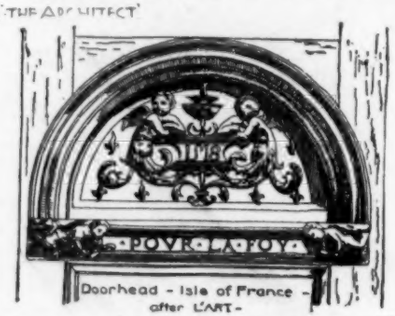

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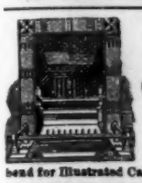

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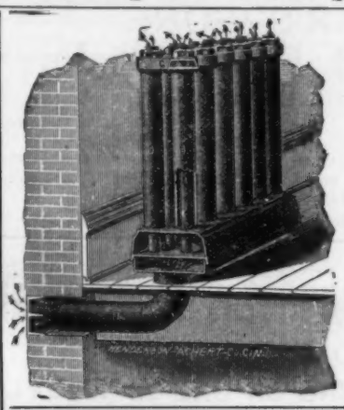

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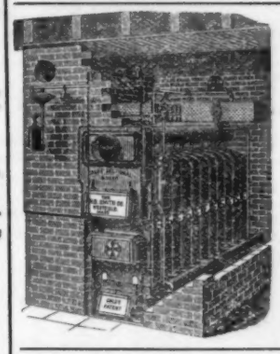

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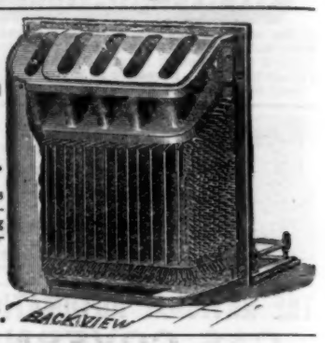

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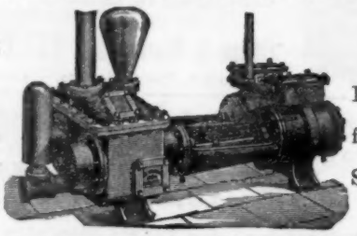

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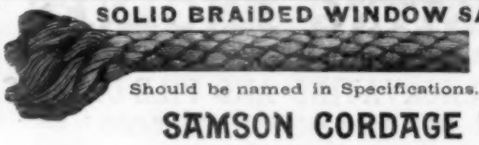

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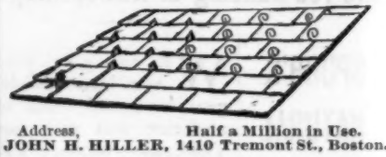

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We ask attention this week for the advertisement of the New England Felt Roofing Co., on page iii. This establishment first placed an advertisement in this journal, March 4, 1876, and has kept it ever since that this time before our readers. It is not very easy to convey an idea of the magnitude of one's business in an inch or two of space, so few of our readers could have formed an idea of the area actually covered by the "Bee-Hive" brand of roofing.

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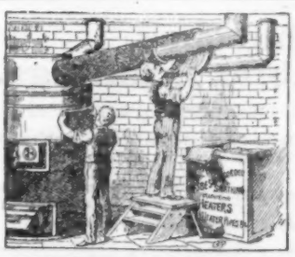

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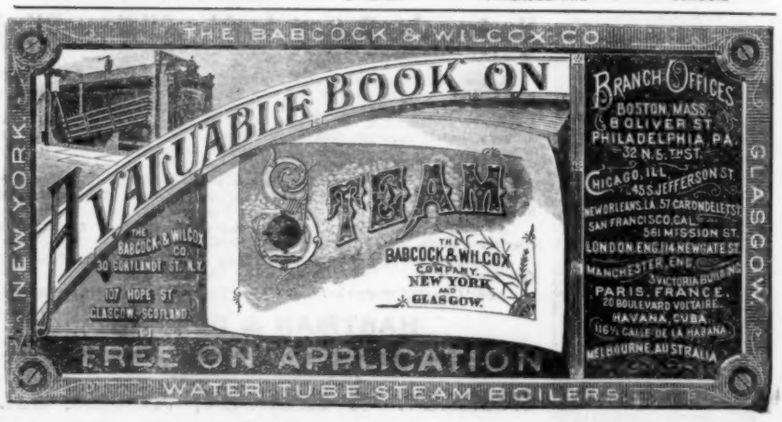

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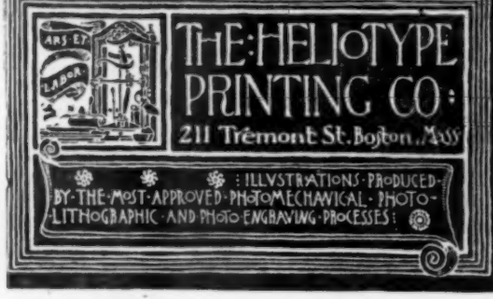

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Boston, Mass.—*Tremont St., No.* 146, alterations to store for Huyler; builders, Woodbury & Leighton; architects, Cabot, Everett & Mead.

Washington St., Nos. 642-644, Ward 10, addition to hotel; owner, R. B. Brigham; builder, M. C. Grant.

Pynchon St., No. 185, rear, near Heath St., Ward 21, general repairs to brick mechanical building; owner, A. H. Miller; builder, R. D. Ward.

Washington St., No. 1975, cor. Arnold St., Ward 19, new front to brick dwell.; owners, Spokefield & Page; builder, S. Breman.

Main St., No. 195, Ward 5, increase height of brick dwell.; owner, S. A. Davis; builder, F. Burton.

Leverett St., No. 54, Ward 8, put in iron beams to dwell.; owner, H. Goldberg; builders, D. H. Jacobs & Son.

Chicago, Ill.—Houghtling & Mason, two-st'y addition, Randolph St.; cost, $70,000; architect, J. H. Huber.

Germantown, Pa. — *Queen La.*, cor. Morris St., Ward 22, one-st'y brick addition to store; owner, William S. McNabb, 208 Mill St.

Otsego St., n w cor. Morris St., Ward 1, four-st'y brick addition to sugar refinery; owners, W. J. McClahan & Co., 147 South Front St.

Park Ave., No. 1618, three-st'y brick addition to stable; owner, George Stockburger, 1418 Park Ave.

South Tenth St., No. 753, three-st'y addition to building and two-st'y back building; owner, Edwin Ward, 529 South Seventh St.

Canal Banks, near Locks, Ward 21, one-st'y addition to mill; owner, Sevil Schofield, 51 North Front St.

Cedar St., No. 2636, one-st'y brick shop; owner, Joseph Pfau, 2256 North Fifth St.

BUILDING INTELLIGENCE.

East Harrison St., n s, bet. Frankford Ave. and Willow St., frame stable; owner, William B. Jones, 33 East Harrison St.

East Norris St., No. 2132, two-st'y brick back building; owner, John C. Matlack, 2513 Memphis St.

New York, N. Y.—*West Fifty-first St., Nos.* 228-230-232, e s, one-st'y brick factory, extension; cost, $10,000; owner, W. H. Johnston, Hotel Brunswick; architect, A. B. Jones, 8 West Twenty-ninth St.

West Houston St., No. 56, four-st'y brick factory' internal alterations; cost, $5,775; owners, Catharine Bigot and Elizabeth Beach, 945 Madison Ave. and 453 Dearborn Ave., Chicago, Ill.; architects, Robertson & Manning, 124 East Twenty-third St.

Laight St., Nos. 7-9, six-st'y brick and iron factory, internal alterations; cost, $3,000; owner, John W. Dimmock, 31 Madison Ave.; architect, T. Sunderland, 200 Broadway.

East Eleventh St., No. 63, four-st'y brick dwell., extension and internal alterations; cost, $15,000; owner, A. Weinstein, 166 Henry St.; architects, Herter Bros., 191 Broadway.

Madison Ave., No. 166, four-st'y brick dwell., altered internally; cost, $5,000; owner, Daniel C. Blodgett, 111 East Thirty-first St.; architect, James Brown Lord, 121 East Twenty-third St.

West Forty-sixth St., No. 31, four-st'y brick dwell., extension and internal alterations; cost, $6,000; owner, Amelia C. Burr, 31 West Forty-sixth St.; architect, Ernest W. Greis, 36 Union Sq.

Grand St., No. 73, four-st'y store-building, extended on westerly side for store and lofts; cost, $9,000; owner, M. Eiseman, 57 West Fiftieth St.; architect, M. C. Merritt, 1269 Broadway.

Philadelphia, Pa.—*East Girard Ave., No.* 409, front alteration by James MaCauley & Sons, 628 East Thompson St.

Broad St., w s, n Westmoreland St., interior alteration and back building; owner, Thomas Middleton, Second and Wyoming Aves.

Girard Ave., No. 2009, brick addition to dwell.; owners, Raub & Lamp, Jr., 1924 Girard Ave.

Locust St., No. 1818, new front and alterations; owner, William H. Busby, 1015 Sansom St.

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Chicago, Ill. — T. J. Reynerston, three-st'y flats, Diller St.; cost, $2,700; architect, A. Nelson.

W. Ruehl, 3 three-st'y flats, West Fourteenth St.; cost, $15,000; architects, Ruehl & Grommanek.

C. Otterson, two-st'y flats, Davis on St.; cost, $5,000; architects, Lutken & Thiessen.

F. J. Wilke, two-st'y flats, Jay St.; cost, $3,10; architect, F. Thompson.

Kenny & Brady, 7 three-st'y flats, Walnut St.; cost, $40,000; architect, C. A. Weary.

F. Butiner, two-st'y flats, Paulina St.; cost, $3,000; architect, J. Krimanek.

C. Engle, three-st'y flats, Augusta St.; cost, $3,000; architect, T. Thum.

F. Buchanan, 2 three-st'y flats, Lincoln St.; cost, $10,000; architects, Wilson, Marble & Lawson.

J. Pecha, three-st'y flats, West Eighteenth St.; cost, $6,300; architect, F. C. Layer.

J. G. Craney, two-st'y flats, Owasco St.; cost, $2,500; architect, F. Stears.

M. Moody, three-st'y flats, Allport Ave.; cost, $3,500; architect, J. Clivanek.

Miss M. Pederson, three-st'y flats, West Ohio St.; cost, $5,300; architect, W. H. Drake.

P. J. McNamara, two-st'y flats, West Madison St.; cost, $2,800; architect, W. M. Russell.

T. F. Buckle, two-st'y flats, California Ave.; cost, $3,500; architect, C. J. Magee.

J. Gunzenhauser, two-st'y flats, Ontario St.; cost, $4,000; architect, W. H. Tracke.

R. F. Sheridan, three-st'y flats, West Harrison St.; cost, $4,000; architect, G. McDonnell.

New York, N. Y.—*Sixty-fifth St., Nos.* 40-42, 2 five-st'y brick flats, tin roofs; cost, $44,000; owner, Daniel W. Reeve, 757 Herkimer St., Brooklyn, N. Y.; architect, Elbert D. Howes, 1389 Broadway.

West Twenty-first St., No. 403, five-st'y flat; cost $15,000; owner, Wm. Mulgrew.

Ninth Ave., w s, 25' 11" n One Hundred and First St., 3 five-st'y brick flats, tin roofs; cost, $54,000; owners, Burchell & Hodges, 206 East Fifty-sixth St.; architects, Rentz & Lange, 153 Fourth Ave.

Eighty-third St., n s, 98' e Avenue A, 8 five-st'y brick flats, tin roofs; cost, $128,000; owner, Sherman, 295 Mott St.; architects, Brandt & Co., 1491 Third Ave.

One Hundred and First St., n s, 75' w Ninth Ave., five-st'y brick flat, tin roof; cost, $22,000; owners, Burchell & Hodges, 206 East Fifty-sixth St.; architects, Rentz & Lange, 153 Fourth Ave.

Madison St., Nos. 261-263, 2 five-st'y brick flats, tin roofs; cost, $34,000; owner, Patrick Gallagher, 202 East Forty-fifth St.; architects, Herter Bros., 191 Broadway.

Eighth Ave., w s, 51' 2" n Seventy-fourth St., 2 seven-st'y brick flats, tin roofs; cost, $125,000; owner, Michael Brennan, 127 West Sixty-ninth St.; architect, E. L. Angell, 94 Liberty St.

Goerck St., No. 38, five-st'y brick flat, tin roof; cost, $16,000; owner, Moritz Bosett, 197 Stanton St.; architect, William Graul, 215 Bowery.

Madison Ave., e s, 50' 11" s One Hundred and Eleventh St., 2 five-st'y brick flats, tin roofs; cost, $30,000; owner, John Hickey, 1729 Lexington Ave.; architect, Edward Wenz, 1491 Third Ave.

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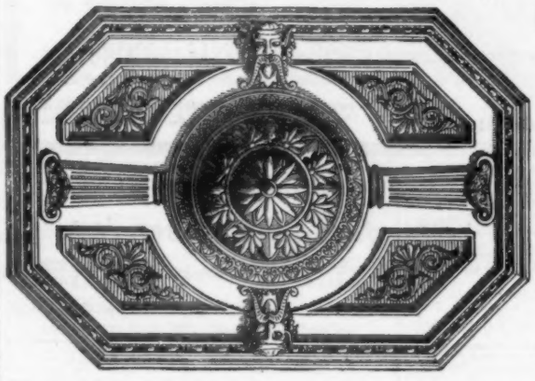

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BUILDING INTELLIGENCE.

Ninety-sixth St., n s, 200′ w Ninth Ave., 4 five-st'y brick flats, tin roofs; cost, $100,000; owner, John C. Graham, 204 East Eighty-sixth St.; architect, Frank Wennemer, 204 East Eighty-sixth St.

Goerck St., No. 26, five-st'y brick flat, tin roof; cost, $16,000; owner, Lewis Brandt, 22 Goerck St.; architects, Kurtzer & Rohl, cor. Third Ave. and Seventh St.

Broome St., No. 56, five-st'y brick flat, tin roof; cost, $18,000; owners, Fay & Stacom, 337 Pleasant Ave.; architects, Rentz & Lange, 153 Fourth Ave.

Bayard St., No. 66, five-st'y brick flat, tin roof; cost, $15,000; owner, Solomon Bernstein, 66 Bayard St.; architect, Fred Ebeling, 99 East Third St.

CHURCHES.

Birmingham, Ala.—New edifice for South Side Baptist Church; cost, abt. $30,000.

Florence, Ala.—Stone church for the Baptists; cost, abt. $20,000.

FACTORIES.

Brooklyn, N. Y.—*Henry St.*, n w cor. Middagh St., six-st'y brick factory, gravel roof; cost, $25,000; owners and builders, Mason & Au, 83-85 Fulton St.; architect, Th. Engelhardt.

New York, N. Y.—*Elizabeth St., No.* 116, five-st'y brick workshop, tin roof; cost, $25,000; owner, Marks Arnheim, 192 Bowery; architect, Richard L. Walsh, 12 Dutch St.

West Thirty-ninth St., Nos. 610-612, three-st'y brick factory, tin roof; cost, $18,000; owner, Peter F. Turner, 602 West Thirty-ninth St.; architects, Thom & Wilson, 1267 Broadway.

Centre St., n w cor. Worth St., six-st'y brick and stone factory; cost, $40,000; owner, Lorillard estate; architects, J. B. Snook & Sons.

HOTELS.

Camden, Ark.—Hotel; cost, $15,900; owner, Patrick Gaughan.

New York, N. Y.—*Eighth Ave.*, n w cor. Eighty-first St., six-st'y brick hotel, tin roof; cost, $200,000; owner, Alva S. Walker, 157 West One Hundred and Twenty-second St.; architect, Theo. E. Thomson, 247 West One Hundred and Twenty-fifth St.

HOUSES.

Baltimore, Md.—Geo. Rausch, 2 three-st'y brick buildings, s s Lee St.; and 2 two-st'y brick buildings, n s Guilford Alley, e Charles St.

David Newbold, 3 three-st'y brick buildings, beg. n e cor. Pennsylvania Ave. and Lanvale St.

Geo. Guelter, 6 two-st'y brick buildings, e s Henry St., n Fort Ave.

E. A. Diffenderfer, 4 three-st'y brick buildings, e s Bolton St., bet. Wilson and Laurens Sts.

D. Thompson, 2 three-st'y brick buildings, s e cor. Townsend St. and Falls Rd.

J. S. Ditch & Bro., four-st'y brick building, s s Second St., e Charles St.

Geo. Chamberlaine, Jr., 3 two-st'y brick and frame buildings, s s Woodberry Ave., opp. Girard Ave.

Boston, Mass.—*Dustin St.*, off Cambridge St., Ward 25, frame dwell., 30′ x 46′; owner and builder, G. N. Prouty.

Adams St., No. 306, Ward 24, three-st'y frame dwell., flat roof, 21′ 6″ x 51′; owner, D. Kelley; builder, E. F. Brown.

Adams St., No. 308, Ward 24, three-st'y frame dwell., flat roof, 21′ 6″ x 51′; owner, James Coffey; builder, E. T. Brown.

BUILDING INTELLIGENCE.

Mt. Vernon St., near Boston St., Ward 24, frame dwell., 25′ x 57′; owner, R. R. Giblin.

Mt. Everett St., near Quincy St., Ward 24, frame dwell., 21′ 3″ x 30′; owner and builder, W. M. Robbins.

Columbia St., No. 145, Ward 24, frame dwell., 23′ x 32′; owners and builders, Burke Bros.

Brookline, Mass.—*Beacon St.*, brick dwell., 45′ x 58′; owner, Frederick Bradley; architect, Geo. F. Loring, Boston.

Brooklyn, N. Y.—*Seventeenth St.*, s s, 200′ e Ninth Ave., 2 three-st'y frame dwells., tin roofs; cost, each, $3,200; owner, Edward Kenedy, Flatbush, L. I.; contractor, M. McCadden.

Bushwick Ave., s w cor. Fairfax St., 5 two-st'y frame dwells., gravel roofs; cost, each, $2,300; owner, Joseph Hopkins, Jr., 269 Moffat St.

Hancock St., s s, 225′ e Lewis Ave., 4 two-st'y frame dwells., gravel roofs; cost, each, $4,500; owner and builder, E. Eden, 194 Broadway, New York; architect, J. L. Young.

Carroll St., s s, 300′ 4″ e Eighth Ave., three-st'y brick and Belleville stone dwell., tile and tin roof; cost, $6,000; owner, Edward M. Grant, 18 Wall St., New York; architect, G. P. Chappell; builder, P. Quin.

Chicago, Ill.—R. J. Anderson, two-st'y dwell.; Sawyer St.; cost, $3,300; architect, E. A. Slack.

A. Fiedler, owner and architect, three-st'y dwell., La Salle St.; cost, $6,000.

Dorchester, Mass.—*Mt. Vernon St.*, frame dwell., 26′ x 50′; owner, P. R. Giblin; contract to be let; architect, Geo. F. Loring, Boston.

Germantown, Pa.—*Pinder St.*, n s, bet. Mill and Coulter Sts., two-st'y brick dwell.; owner, J. G. Dieterle, Laurel St.

Nimbold Ave., e s, near Rosemont St., two-st'y brick dwell.; owner, Charles S. Johnson, Locust Ave.

During 1888, 8,262 new buildings were built and in course of completion, which, with 1,614 alterations and additions made to buildings; cost, $29,848,891. In the same year 12,679 conveyances of real estate, valued $62,663,201.87, were made, and $3,890,390.51 worth of realty was sold at auction. The average weekly transfers during the year amounted to $1,205,061.57.

BUILDING INTELLIGENCE.

East Cheltenham Ave. and Chew St., three-st'y dwell.; owner, Henry Cocknell, Township Line and Carpenter St.

Helena, Ark.—J. Lieberg, two-st'y frame dwell.; cost, $3,000; architects, Bartlett & Thompson, Little Rock, Ark.

G. H. Frieberg, two-st'y dwell.; cost, $3,000; architects, Bartlett & Thompson, Little Rock, Ark.

Lexington, Ky.—Jas. R. Ferguson is having sketches prepared for a $12,000 dwell.

New York, N. Y.—*One Hundred and Twenty-first St.*, s s, bet. Mt. Morris Park and Sixth Ave., five dwells.; owner, S. O. Wright; architects, Cleverdon & Putzel.

One Hundred and Thirty-fourth St., s s, 200′ e Willis Ave., 6 two-st'y brick dwells., tin roofs; cost, $36,000; owner, William Picken, 116 East Eighty-second St., architect, Edward Wenz, 1491 Third Ave.

Philadelphia, Pa.—*Ontario St.*, n s Thain St., e Kensington Ave., 3 two-st'y brick dwells.; owner, Charles Roth, 408-410 Huntingdon St.

Cherry St., e s, n Meadow St., two-st'y brick dwell.; builder, E. H. Lange, 4618 Paul St., Frankford, Pa.

Witte St., e s, n Frankford Rd., two-st'y brick dwell.; owners, George and Elizabeth McKinney, Janney St., n of Tioga St.

Van Pelt St., w s, bel. Susquehanna Ave., 6 two-st'y brick dwells.; owner, Emily Bethell, 1629 Germantown Ave.

Van Pelt St., e s, ab. Susquehanna Ave., 6 two-st'y brick dwells.; owner, Emily Bethell, 1629 Germantown Ave.

Van Pelt St., w s, ab. Susquehanna Ave., 6 two-st'y brick dwells.; owner Emily Bethell, 1629 Germantown Ave.

Sixth St., w s, bet. Wolf and Ritner Sts., 20 two-st'y brick dwells.; owner, W. H. Messick, 513 Snyder Ave.

Otsego St., bet. Somerset and Sumac Sts., 25 three-st'y brick dwells.; owner, William Smaltz, 1545 Hutchinson St.

Fifteenth St., n Tasker St., 15 three-st'y brick dwells.; owner, Joseph McKeever, 1820 Tasker St.

Fifty-first St., w s, near City Line, Ward 24, three-st'y dwell.; owner, J. W. Edwards, 4018 Haverford Ave.

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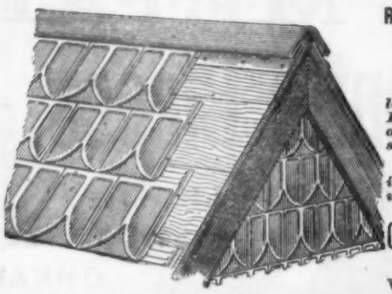

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BUILDING INTELLIGENCE.

North Thirteenth St., No. 1318, one-st'y building; owner, Franklin Hall, 1318 North Thirteenth St.

Front St., w s, near Clearfield, 7 two-st'y brick dwells.; owner, Frank N. Forsyth, 2129 Jefferson St.

Dorrance St., e s, bet. Morris St., 5 two-st'y brick dwells.; owner, William J. Scott, 2133 Earp St.

Somerville, Mass.—*Wellington Ave.*, double frame dwell.; owner, B. H. Wildes; builder, John Stackpole.

Holland St., frame dwell.; owner and builder, Daniel E. Robbins.

OFFICE-BUILDINGS.

Winchester, Ky.— Winchester National Bank contemplate a three-st'y bank and office building.

SCHOOL-HOUSES.

Lincoln, Mass.— Frame high school-building, 44′ 4″ x 58′ 10″; contract to be let; architects, Hartwell & Richardson, Boston.

STABLES.

Brooklyn, N. Y.— *Vernon Ave.*, s s, 275′ w Stuyvesant Ave., two-st'y brick stable, gravel roof; cost, $8,000; owners, Arthur & Randel, 799 Broadway; architect, H. Vollweiler; builder not selected.

New York, N. Y.— *West Fifty-second St., No.* 52, four-st'y brick stable, tin roof; cost, $7,000; owner, James A. Striker, 229 West Fifty-first St.; architects, Blukley & Banneister, 42 Exchange Pl.

Madison St., No. 376, three-st'y brick stable, tin roof; cost, $12,000; owners, Friedman & Wellbrock, 174 South Ninth St., Brooklyn; architects, Rentz & Lange, 153 Fourth Ave.

Philadelphia, Pa.— *Ferdinand St.*, e Sumac St., two-st'y stone stable; owner, Alfred Harmer, Sumac St., near Wissahickon Station.

Chelten Ave., ab. Chew Ave., brick stable; owner, Henry Davenport, Eberle St., Ward 21.

Somerville, Mass.— *Franklin St.*, frame stable; owner, A. E. Hughes; builder, Aubrey Woods.

Jacques St., frame stable; owner and builder, Thaddeus Malley.

STORES.

Brooklyn, N. Y.—*Evergreen Ave.*, n e cor. Palmetto St., three-st'y frame store and tenement; cost, $5,300; owner and builder, Henry Saltfield, Evergreen Ave., cor. Greene Ave.; architect, Th. Engelhardt.

Atlantic Ave., s s, 60′ e Schenectady Ave., three-st'y frame store and dwell., tin roof; cost, $3,300; owner, Victor A. Brandes, Schenectady Ave., cor. Pacific St.; architect and mason, C. Baur; contractor, M. Thornton.

Montrose Ave., n s, 105′ e Bushwick Ave., 3 three-st'y frame (brick-filled) stores and tenements, tin roofs; cost, $13,500; owners, architects and builders, D. Kreuder and J. Mayer, 47 McKibben St.

Gates Ave., n s, 100′ w Central Ave., and Gates Ave., s s, 125′ w Central Ave., 2 three-st'y frame (brick-filled) stores and tenements, tin roofs; total cost, $9,000; owner and builder, Charles Wehr, Bushwick Ave., near Covert St.; architect, H. Vollweiler.

Degraw St., n s, abt. 300′ w Columbia St., 2 four-st'y brick stores and tenements, tin roofs; total cost, $18,000; owner and builder, John Edwards, 31 First Pl.; architect, J. W. Bailey.

Flushing Ave., s s, 175′ w Knickerbocker Ave., three-st'y frame store, tin roof; cost, $4,300; owner, Henry Stephan, 133 George St.; architect, H. Vollweiler; builder not selected.

Van Cott Ave., s s, 250′ w Humboldt St., three-st'y frame store and tenement, tin roof; cost, $4,500; owners, Jones Feldberg and Sarah Barasch, 361 North Second St.; architect, H. Vollweiler; builders; A. Barasch and J. Feldberg.

Nassau St., s e cor. Smith's Alley, 2 five-st'y brick stores and tenements, gravel roofs; cost, each, $18,500; owner and architect, John A. Sinclair, 200 Putnam Ave.

Harrison Ave., w s, 50′ s Middleton St., 3 four-st'y frame stores and tenements; total cost, $16,000; owner, Mrs. M. Bossert, 112 Middleton St.; architects, D. Acker & Son.

Eighth Ave., w s, 25′ s Seventeenth St., three-st'y frame store and dwell., tin roof; cost, $3,500; owner, Diedrich Lohmann, Eighth Ave., s w cor. Seventeenth St.

New York, N. Y.— *Bleecker St., Nos.* 97-99, six-st'y brick store and warehouse, tin roof; cost, $115,000; owners, H. & J. Meinhard, 34 Thomas St.; architects, Alfred Zucker & Co., 346 Broadway.

Sixth Ave., n w cor. Sixteenth St., four-st'y brick store, tin roof; cost, $18,000; owner, A. A. Nantine, 153 West Fifty-seventh St.; architects, D. & J. Jardine, 1262 Broadway.

TENEMENT-HOUSES.

Brooklyn, N. Y.— *Third Ave.*, w s, 20′ s Douglass St., 3 three-st'y frame tenements, gravel roofs; cost, each, $3,500; owners, Burns & Johnson, Third Ave. and Douglass St.; architect, A. F. Norris; builder not selected.

Raymond St., w s, bet. Bolivar and Willoughby Sts., 8 four-st'y brick tenements, stores in corners, tin roofs; cost, $64,000; owner and contractor, S. W. Post; architect, B. Finkenselper; mason not selected.

New York, N. Y.— *One Hundred and Fifth St., Nos.* 336-338, 2 four-st'y brick tenements, tin roofs; cost, $18,000; owner, Daniel J. Brown, 336 East One Hundred and Fifth St.; architect, G. P. Smart, 85 East One Hundred and Thirteenth St.

One Hundred and Third St., s s, 155′ e Third Ave., five-st'y brick tenement, tin roof; cost, $12,000; owner, Daniel Monymhan, 208 East One Hundred and Third St.; architect, Andrew Spence, 2294 Third Ave.

One Hundred and Forty-eighth St., n s, 160′ e Brook Ave., four-st'y brick tenement, tin roof; cost, $12,000; owner, Michael Kirchner, One Hundred and Forty-eighth St. and Brook Ave.; architect, Adolph Pfeiffer, 2773 Third Ave.

THEATRES.

New York, N. Y.— *One Hundred and Twenty-fifth St.*, n s, 125′ w Seventh Ave.; One Hundred and Twenty-sixth St., s s, 125′ w Seventh Ave., three-st'y brick theatre, peak and metal roof; cost, $180,000; owner, Oscar Hammerstein, Seventh Ave. and One Hundred and Forty-first and One Hundred and Forty-second Sts.; architects, J. B. McElfatrick & Sons, 2 Burling Slip.

MISCELLANEOUS.

Boston, Mass.— *Commercial St., Nos.* 409-411, Ward 6, six-st'y brick warehouse, flat roof, 92′ 6″ x 176′; owners, Constitution Wharf Co.

Brooklyn, N. Y.— *Dean St., Nos.* 612-614, s s, 414′ w Vanderbilt Ave., four-st'y brick storage, tin roof; cost, $5,800; owner, Peter F. Reilly, 588 Dean St.; architect, J. W. Bailey; builders, P. Carlin & Son and T. A. Remsen.

New York, N. Y.— *Tenth Ave.*, e s, 24′ 11″ s One Hundred and Forty-ninth St., one-st'y and basement meeting-room, tin roof; cost, $10,000; owner, George Fiuri, One Hundred and Forty-ninth St. and Tenth Ave.; architect, John E. Schaarschimdt, 81 New St.

Philadelphia, Pa.— *Sixth St.*, e s, s Clearfield St., two-st'y machine-house and an ice-house in the rear; owners, Harbach & Auchter, Twenty-sixth and Thompson Sts.

Rugan St., No. 416, two-st'y boiler-house and engine-room; owner, T. Frank Shuster, 812 Noble St.

Holly St., w s, n Lancaster Ave., three-st'y storage-house; owner, Geo. R. Acheson, 4833 Seneca St.

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BUILDING INTELLIGENCE.

Beach St., ab. Shackamaxon St., mill-building, owner, C. Clement Dunbar, 1129 Beach St.

Parrish St., No. 4132, one-st'y back building; owner, M. Gloron.

North Sixteenth St., No. 1314, brick carpenter-shop; owner, William Bertch, 1314 North Sixteenth St.

North Thirteenth St., No. 2200, one-st'y brick shed; owners, Forayа Gas Co., Keystone Bank Building.

Schuylkill Rd., near Main St., two-st'y brick picker house; owner, C. P. Sumster, 339 Levering St.

COMPETITION.

COURT-HOUSE.
[At Woodstock, Ont.]
WOODSTOCK, ONT., January 28, 1889.

The Council of the County of Oxford invite competition in the preparation of plans and specifications for a new court-house, proposed to be erected in the town of Woodstock, Ont., at a cost not to exceed $75,000, complete and furnished.

The following prizes are offered: for the best, $250; for the second-best, $150; for the third, if more than three are submitted, $100.

Written instructions prepared by the Committee may be seen at the County Clerk's office at Woodstock, or will be furnished on application to any person wishing to compete.

JAMES WHITE,
685 County Clerk, County of Oxford.

PROPOSALS.

SLATE BLACK-BOARDS.
[At Cincinnati, O.]

Sealed proposals will be received at the office of the Board of Education, Public Library Building, **until 12 o'clock, noon, of Monday, February 11, 1889,** for furnishing and putting up "Real Slate Black-Boards," for the new 18-room school-house on the northeast corner Elm and Canal Streets, in accordance with the specifications on file in said office.

Each bid must contain the name of every person interested therein, and must be accompanied by a written guaranty by some disinterested person, in the sum of $1,000, that if the bid be accepted a contract will be entered into and the performance of it properly secured.

Bids must be upon blank forms to be obtained in the above office.

Bids must be plainly marked "Proposals for Slate Black-Boards."

The Board reserves the right to reject any or all bids.

By order of the Board of Education.

GEORGE EMIG,
685 Chairman Committee Buildings.

STEEL WIRE, CANVAS, COPPER, ETC.
[At Boston, Mass.]
BOSTON, MASS., January 21, 1889.

Sealed proposals, endorsed "Proposals for Naval Supplies," will be received at the Bureau of Provisions and Clothing, Navy Department, Washington, D. C., **until 11 o'clock A. M., February 16, 1889,** and publicly opened immediately thereafter, to furnish and deliver, at the Boston Navy Yard, 32,480 pounds steel wire, a quantity of cotton and flax canvas, sheet copper, flange iron and miscellaneous equipment supplies.

The articles must conform to the prescribed standard and pass the usual naval inspection.

Tie bids decided by lot.

Blank proposals containing specifications, etc., can be obtained upon application to the Bureau, or to the general storekeeper at the Navy Yard, Boston.

The Department reserves the right to reject any proposal not considered advantageous to the Government.

JAMES FULTON,
685 Paymaster General, U. S. Navy.

LUMBER AND DRAWING MATERIAL.
[At Norfolk, Va.]
NORFOLK, VA., January 23, 1889.

Sealed proposals, endorsed "Proposals for Lumber" or "Drawing Materials," will be received at the Bureau of Provisions and Clothing, Navy Department, Washington, D. C., **until 11 o'clock A. M., February 16, 1889,** and publicly opened immediately thereafter, for 10,000 feet white pine stage plank, 210 poles and shores, and a quantity of drawing material, to be delivered at Navy Yard, Norfolk, Va.

The articles must conform to the prescribed standard and pass the usual naval inspection.

Tie bids decided by lot.

Blank proposals containing specifications, etc., can be obtained upon application to the Bureau, or to the general storekeeper at the Navy Yard, Norfolk, Va.

The Department reserves the right to reject any proposal not considered advantageous to the Government.

JAMES FULTON,
685 Paymaster General, U. S. Navy.

MINERS' HOSPITAL.
[At Hazleton, Pa.]

Proposals will be received **up to March 1, 1889,** for the erection of a miners' hospital at Hazleton, Pa.

Plans and specifications can be seen by applying to Jas. E. Roderick, Esq., Markles Block, Hazleton, Pa.

687 E. L. BULLOCK, Secretary.

OFFICERS' QUARTERS.
[At Fort Monroe, Va.]
FORT MONROE, January 14, 1889.

Sealed proposals, in triplicate, subject to the usual conditions, will be received at this office **until 12 o'clock M., February 14, 1889,** and then opened, for the construction of three double sets of officers' quarters at Fort Monroe, Va.

All information furnished by this office upon application.

The United States reserves the right to reject any or all proposals.

Envelopes containing proposals should be marked "Proposals for Officers' Quarters," and addressed to

CHARLES BIRD,
Captain and Assistant Quartermaster, U. S. Army.
684

METAL WORK.
[At Maryland Shore.]
OFFICE OF THE LIGHT-HOUSE ENGINEER,
FIFTH AND SIXTH DISTRICT,
BALTIMORE, MD., January 19, 1889.

Sealed proposals will be received at this office **until 12 M., of Wednesday, the 13th day of February, 1889,** for furnishing the materials of all kinds necessary for the completion and delivery of the metal work of the Holland's Island Bar, Md., and Great Wicomico River, Va., Light-Houses.

Plans, specification, forms of proposal and other information may be obtained on application to this office.

The right is reserved to reject any and all bids, and to waive any defects.

J. C. MALLERY,
Captain of Engineers, U. S. Army, Light-House Engineer, Fifth and Sixth Districts.
685

PROPOSALS.

Y. M. C. A. BUILDING.
[At Providence, R. I.]
PROVIDENCE, R. I., January 7, 1889.

Sealed proposals for the erection of the Y. M. C. A. Building, on the corner of Westminster and Jackson Streets, Providence, R. I., will be received **until 12 M., Monday, February 4, 1889,** at the office of Stone, Carpenter & Willson, architects, 65 Westminster Street, where the plans and specifications may be seen and information obtained by bidders.

The right to reject any and all bids is reserved.

G. W. R. MATTESON,
BENJAMIN F. ARNOLD,
A. B. MCCRILLIS,
H. N. CAMPBELL, JR.,
EUGENE W. MASON,
Committee on Plans.

ELECTRIC LIGHTING.
[At St. Louis, Mo.]
OFFICE OF THE BOARD OF PUBLIC IMPROVEMENTS,
ST. LOUIS, MO., January 8, 1889.

Sealed proposals for the public work hereinafter mentioned will be received at the office of the Board of Public Improvements of the city of St. Louis, Mo., **until 12 A. M. of the 28th day of February, 1889,** at which hour they will be publicly opened and read, *viz.*:

For lighting with electricity for the term of ten years from January 1, 1890, the streets, public places, and such public buildings as may be designated in the following districts of the city of St. Louis, Mo., *viz.*:

Letting No. 2,503. The district described as the southern district in ordinance numbered 14,697, approved December 29, 1888.

Deposit required, $5,000.

Letting No. 2,504. The district described as the northern district in ordinance number 14,697, approved December 29, 1888.

Deposit required, $5,000.

Bidders will state prices per annum at which arc-lights of 2,000-candle-power each, or incandescent lights of 30-candle-power each, will be furnished, operated, and maintained for lighting streets and public places; also prices per annum at which arc-lights of 2,000-candle-power each, or incandescent lights of 16-candle-power each, will be furnished, operated, and maintained for lighting public buildings.

Everything required for the above electric lighting shall be furnished and maintained by the contractor.

The contract with the city will carry the privilege of furnishing electricity for light and power to private parties and corporations along the lines of distribution.

The contract will contain stipulations by which the city of St. Louis may acquire the entire electric plant and appurtances at the expiration of the contract.

Bidders must submit with proposals general and detailed plans and specifications of the proposed system of distributing the electricity, modes of supporting the lights and wires, and of safety appliances.

Proposals must be made on blank forms, and inclosed in envelopes furnished by the Board of Public Improvements. The certificate of the Treasurer of the city of St. Louis that the sum of $5,000 has been deposited in the treasury must be inclosed with the proposal.

The right to reject any or all proposals is expressly reserved.

Specifications, form of contract, and plans of the districts to be lighted may be seen at the office of the President of the Board of Public Improvements of the city of St. Louis, on and after January 28, 1889.

Any contract let hereunder will require the approval of the Municipal Assembly by ordinance.

By order of the Board.

HENRY FLAD, President.
Attest: EMORY S. FOSTER, Secretary.
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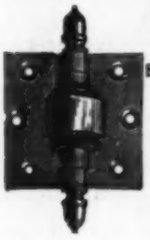

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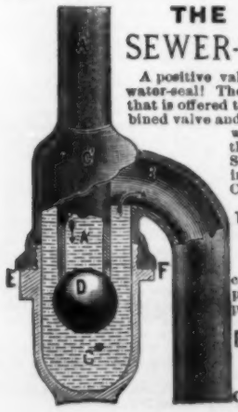

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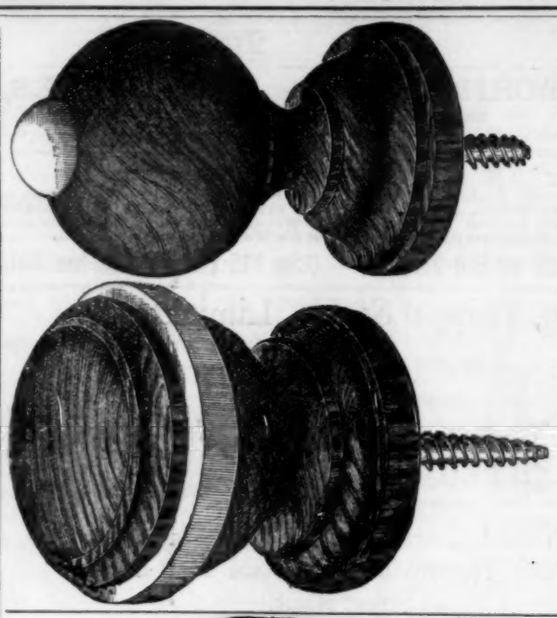

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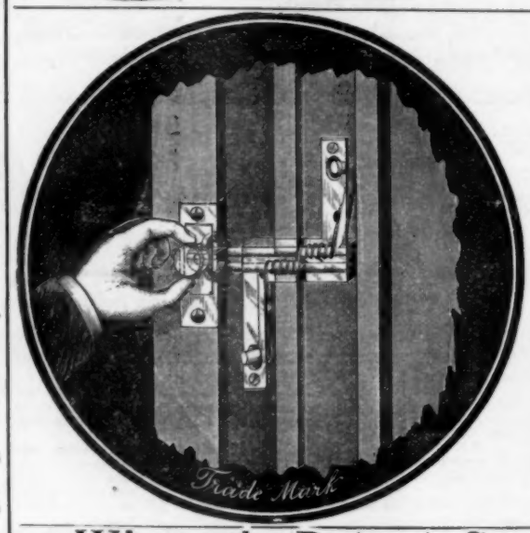

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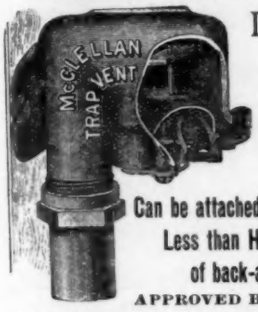

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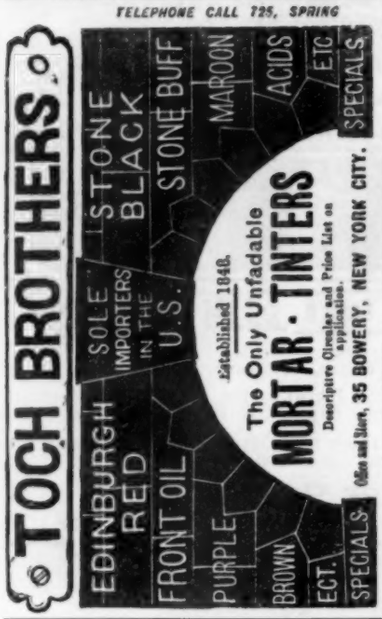

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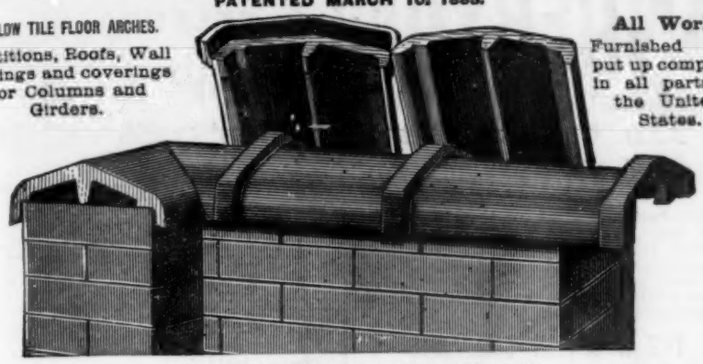

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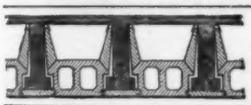

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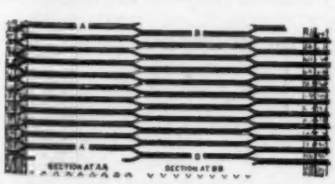

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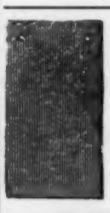

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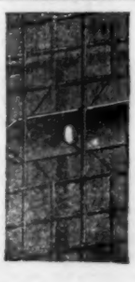

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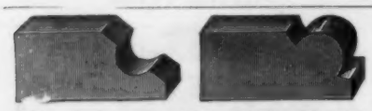

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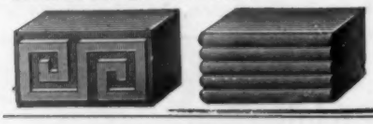

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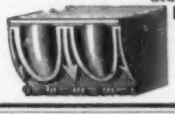

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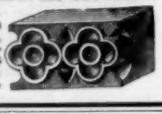

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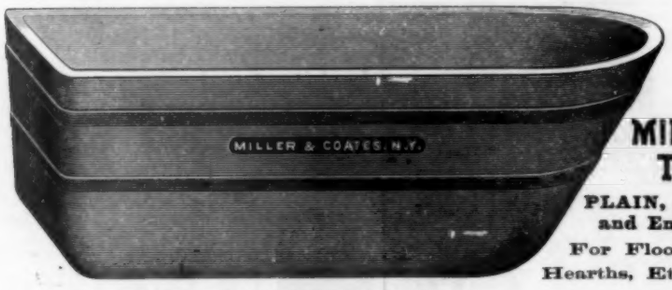

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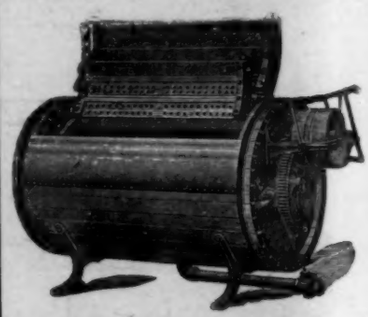

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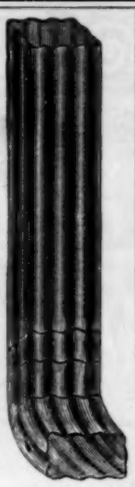

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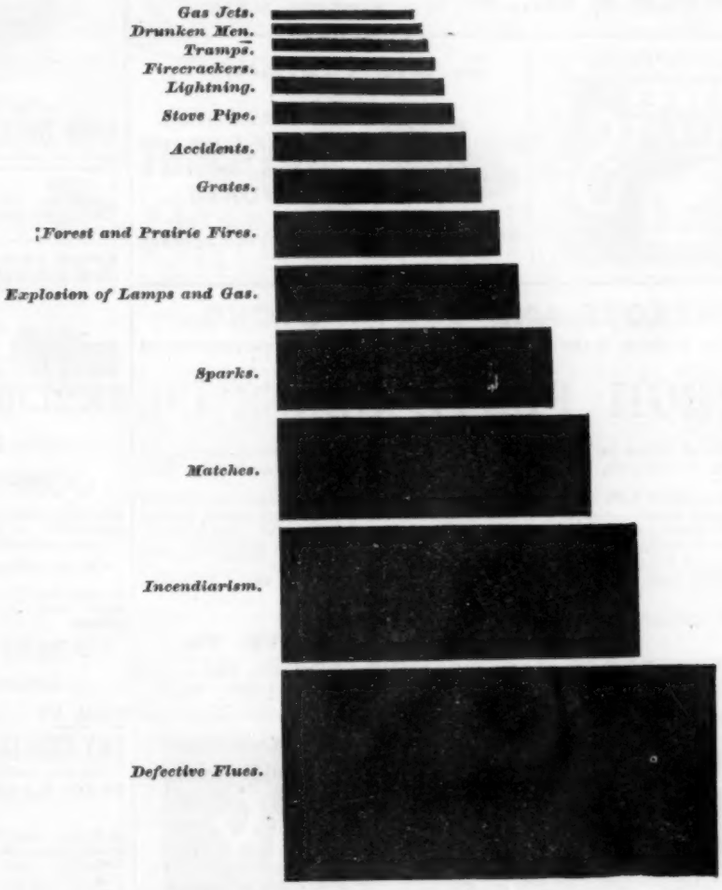

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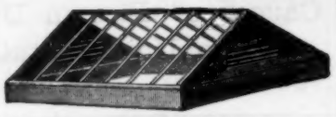

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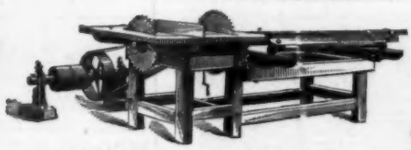
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Hemlock	ea 13½ @ 14	13 00 @ 15 00	@ 14 00	@ 14 00
Yellow pine	20 @ 40	25 00 @ 35 00	@ 21 00	20 00 @ 50 00
Cypress	@	32 00 @ 40 00	@	40 00 @ 45 00
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Pine	@	33 00 @ 55 00	10 00 @ 21 00	30 00 @ 35 00
Spruce	@	15 00 @ 35 00	*Not sold.*	*Not Sold.*
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Spruce	14 00 @ 18 00	15 00 @ 18 00	*Not sold.*	20 00 @ 22 50
Hemlock	12 00 @ 16 00	12 50 @ 15 00	10 00 @ 10 00	11 25 @ 13 50
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Laths:				
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Spruce	@ 2 25	2 25 @ 2 50	*Not sold.*	2 50 @ 3 00
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Finishing Woods: ₱ M. (*Fwrd. Qual. Kiln dried.*)				
Ash	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	45 00
Cherry	80 00 @ 120 00	65 00 @ 120 00	80 00 @ 110 00	7 00 @ 80 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 5500	70 00 @ 80 00
Hard-pine floors (rift)		48 00 @ 50 00		
Mahogany, Baywood [Mexican]	@ 180 00	150 00 @ 160 00	150 00 @ 180 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	220 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	25 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 75 00
" white	@ 70 00	50 00 @ 55 00	35 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 80 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 45 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	30 00 @ 75 00	45 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 6 00	60 00 @ 75 00
Rosewood ₱ lb	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		30 00 @ 32 00		
Walnut, black	125 00 @ 150 00	85 00 @ 120 00	80 00 @ 110 00	50 00 @ 170 00
Whitewood	35 00 @ 50 00	40 00 @ 45 00	30 00 @ 35 00	25 00 @ 40 00
Yellow pine ₱ M	@ 45 00	40 00 @ 42 00	30 00 @ 35 50	27 50 @ 45 00

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BRICK.—₱ M.	New York. (Wholesale Prices.)	Boston. (Prices to Builders and Contractors.)	Chicago.	Philadelphia.
Common: *Cargo afloat.*				
Pale	3 50 @ $4 00	Eastern 8 00 @ 8 50	Building Brick 5 50 @ 6 50	Sq. Hard @ 12 00
Jersey	6 50 @ 7 50			" @ 12 00
Long Island	7 50 @ 8 00	Bay State Hard 9 50		Salmon @ 7 00
Up River	7 25 @ 7 75		Indiana Pressd 16 00 @ 22 00	Sq. " @ 9 00
Haverstraw Bay 2nd	7 75 @ 8 00	Domestic Com. 9 00 @ 9 50	St. Louis Fronts @ 27 00	Light Stretchers @ 12 00
" 1st	8 00 @ 8 25	Domestic Face 18 00 @ 20 00		Medium " @ 14 00
Hollow	@ 13 00	Philadelphia 40 00 @ 45 00		Red " @ 15 00
Fronts		Phila. mould 50 00 @ 80 00		Dark " @ 15 00
Croton, Brown	14 00 @ 15 00		18 00 @ 27 00	Pressed 22 00 @ 25 00
" dark	15 00 @ 16 00		65 00 @ 350 00	Best Paving @ 16 00
" red	15 00 @ 16 00		45 00 @ 55 00	Second " @ 14 00
Chicago pressed (Anderson)			45 00 @ 50 00	Third " @ 13 00
Chicago Moulded (Anderson)			25 00 @	
Baltimore	37 00 @ 41 00		60 00 @ 100 00	
Philadelphia	27 00 @ 28 00		30 @	Dom. @ 65
Trenton	@ 27 00		35 @	@ 85
Milwaukee		Glens Falls Mould. 30 00 @ 35 00	55 00 @ 65 00	
Moulded:		35 00 @ 40 00		
Clark's Glens Falls — Red	25 00 @ 27 00	45 00 @ 60 00	@ 100 00	
" — White	30 00 @ 35 00		@ 120 00	
White " Mold,	45 00 @ 60 00			
Enamelled: *Imp.*				
Enamelled (edge.)	85 00 @ 100 00			
Enamelled (edge and end)	90 00 @ 115 00			
CEMENT, LIME, etc.—(₱ cask.)				
Rosendale Cement	1 15 @ 1 25	@ 1 40	*Not Sold.*	1 30 @ 1 50
Louisville "			1 05 @ 1 30	B & S.E. 275 @ 300
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	*Not sold.*	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	@ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 35 @ 2 50	@ 2 85	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	@ 2 85	3 00 @ 3 25	2 85 @ 3 15
" " (Burham)	2 50 @ 2 80	@ 2 85	2 90 @ 3 15	2 50 @ 2 75
" " (White's)	2 65 @ 3 00	@ 2 85	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 35 @ 2 85	3 00 @ 3 50	3 00 @ 3 25	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	2 80 @ 3 15	2 50 @ 2 75
" " (Vorwohler)	2 50 @ 2 90		2 80 @ 3 15	
" " (Lagerdofer)	@	*Not sold.*	2 75 @ 3 00	Josson
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	2 50 @ 2 75
" " (Hanover)	2 50 @ 3 00		*Not Sold.*	2 85 @ 3 25
" " Stettin, (Anchor)	2 35 @ 2 85		*Not Sold.*	2 75 @ 3 00
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	
Roman	2 75 @ 3 00	@ 3 20	2 75 @ 3 25	2 50 @ 2 75
Keene's coarse	5 75 @ 6 50	@ 6 00	7 00 @ 7 50	3 00 @ 3 50
" superfine	9 25 @ 10 25	@ 11 50	11 00 @ 12 00	6 50 @ 7 00
Lime:			*Not sold.*	8 00 @ 9 00
Lime of Teil	3 50 @ 4 00			
Hydraulic Lime	@ 1 45	@ 1 35	55 @	White Lime 25 @ 30 ₱ bush
Chicago Lime in bulk		St. John 1 00	60 @	White Mash 1 25 @ 150
Wisconsin "			*Not sold.*	1 00 @ 1 00
Rockland and Rockport, (Com.)	@ 1 00	@ 1 05	*Not sold.*	
Rockland and Rockport, finish	@ 1 20	@ 1 10	1 00 bulk, 75c.	
Kelley Island Lime, finish	@ 1 20	@ 1 20	*Not sold.*	*Not sold.*
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold*
State, finishing "	@ 1 10	*Not sold.*	1 85 @ 1 90	1 25 @ 2 22
Plaster of Paris (calcined.)	1 20 @ 1 25	1 85 @ 1 90	1 85 @ 1 90	1 75 @ 2 50
" (casting)	1 30 @ 1 35	2 25	30 @ 25	22 @ 30
Hair (Cattle) ₱ bush	18 @ 21	25 @ 30	30 @ 55	30 @ 32
" (Goat)	25 @ 28	@ 30	@ 60	@ 1 50
Sand, ₱ load	1 00 @ 1 25	1 75 @ 1 90		
STONE. (₱ cubic foot, rough.)				55 @ 65
Granite: (Maine)		@ 60		
Limestone:	45 @ 1 25			75 @ 90
Bedford	@ 1 00	95 @ 1 00	50 @	Richmond
Joliet	@		35 @ 55	75 @ 1 50
Lemont	@		@ 60	4 50 ₱ Perch
Serpentine			@ 1 00	

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Foundation:				
Dimension	@	5 00 ℔ ton	20 @ 2	@ 5 00
Block	@	4 60 ℔ perch		Conshocken
Rubble	@	1 25 @ 1 50	3 50 @	1 45 @ 2 50
Bluestone: (℔ sq. ft.)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 20
Planed	50 @ 6 00	75	50 @ 1 00	45 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		
Kibbe	@ 90	90 @ 1 10		93 @ 1 16
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst	90 @ 95	90 @ 1 00	45 @ 50	
Berea } Ohio	75 @ 1 00	80 @ 90	45 @ 55	55 @ 1 00
Berlin	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 10 @ 1 40
Caen	@	@ 2 00	"	1 00 @ 1 10
Carlisle. English	@ 1 05	80 @ 90		1 25 @ 1 50
Corse Hill (Scotch)	1 05			95 @ 1 10
Marble (℔ cu. ft.				
Lee, Mass	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and Blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined	@	50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna	@	3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red	@	1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville	@	85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@		*Not sold.*	2 00 @ 3 00
Vermont, white	@	1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ square)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 80 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
" " Chapmans	— —	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 00 @ 7 50	7 00 @ 9 50	@ 5 35
Tiles, Am. ℔ M.	@		*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil*, ℔ *lb.*)				
White lead, Am.	7 @ 7½	7 @ 7½	6½ @ 7½	7 @ 7½
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	6½ @ 7
Red lead, Am.,	6½ @ 7	7 @ 7½	6½ @ 7½	6½ @ 6¾
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. @ 6c
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 12	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	@ 16
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" @ 24
Black, lamp,	15 @ 22	15 @ 25	8 @ 30	@ 15
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw) } (℔ gall.)	57 @ 58	58 @ 60	57 @ 58	@ 59
" " boiled }	60 @ 61	61 @ 63	60 @ 61	@ 64
Turpentine }	47 @ 48	49 @ 52	50½ @ 51½	@ 53
Varnish, coach	@	1 50 @ 6 00	1 25 @ 2 00	@ 3 00
Shellac	@	2 50 @ 3 00	2 25 @ 4 00	@ 3 00
Putty	2 @	2 @ 4	02½ @ 02½	@ 2
Whiting } dry	75 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.,) }	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Litharge, Am	5½ @ 6	5½ @ 6½	6½ @ 7½	6 @ 6½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	@ 14
Umber, "	14 @ 20	14 @ 20	2 " 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85		2 15 @	pr kg @ 2 10
10d. common	@ 2 60	@ 2 30	@ 2 25	@ 2 30
Shingle	@ 3 35	@ 2 80	@ 2 75	@ 3 40
Lath	@ 4 85	@ 3 70	@ 3 65	4 50 @ 5 50
Finishing nails according to size.)			Add .85 to $1.15	per lb 11 @ 14
(*For casing nails add 75c. per keg.*)			" .50 to .90	Add pr cask
Butts: 4"x 4" (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 16
Japanned	@ 1 50	@ 1 75	*Not sold.*	1 75 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 75 @ 2 00
Ball Tip, Boston Finish. ℔ pair.)	@ 65	@ 50	*Not sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 45
Brass (or cupboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony				@ 35
Apple wood				37 @ 1 00
Knobs: (℔ *Set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hematite	*Not sold*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 4 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 %	22 @ 35
Sheet Lead		@ 6½		
Lead Pipe		@ 6		
Iron:				
I-Beams, up to and including 30 ft	3 8-10 @ 3½	2 8-10 @ 3	@ 4	@ 2 8-10
I-Beams, over 30 ft. ½, ¼, ½ c. advance			@ 4	@ 2 8-10
Channel-Beams	3 8-10 @ 3½	2 8-10 @ 3	@ 4	@ 2 8-10

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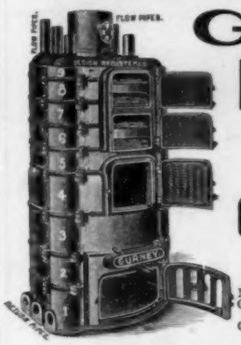

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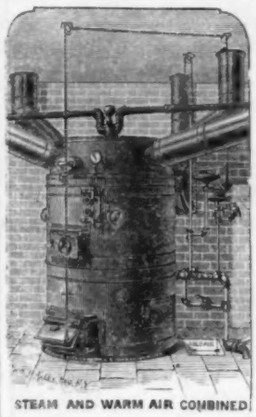

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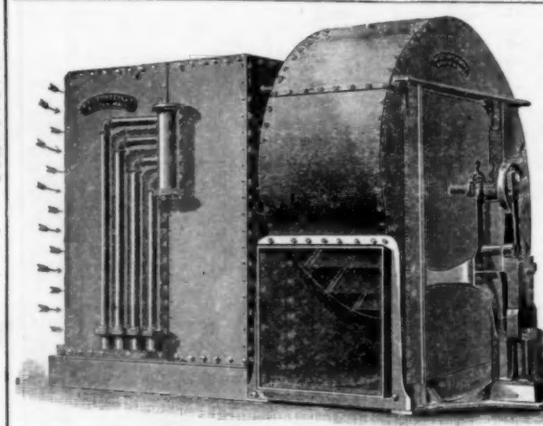

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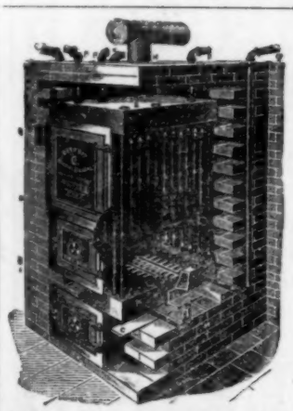

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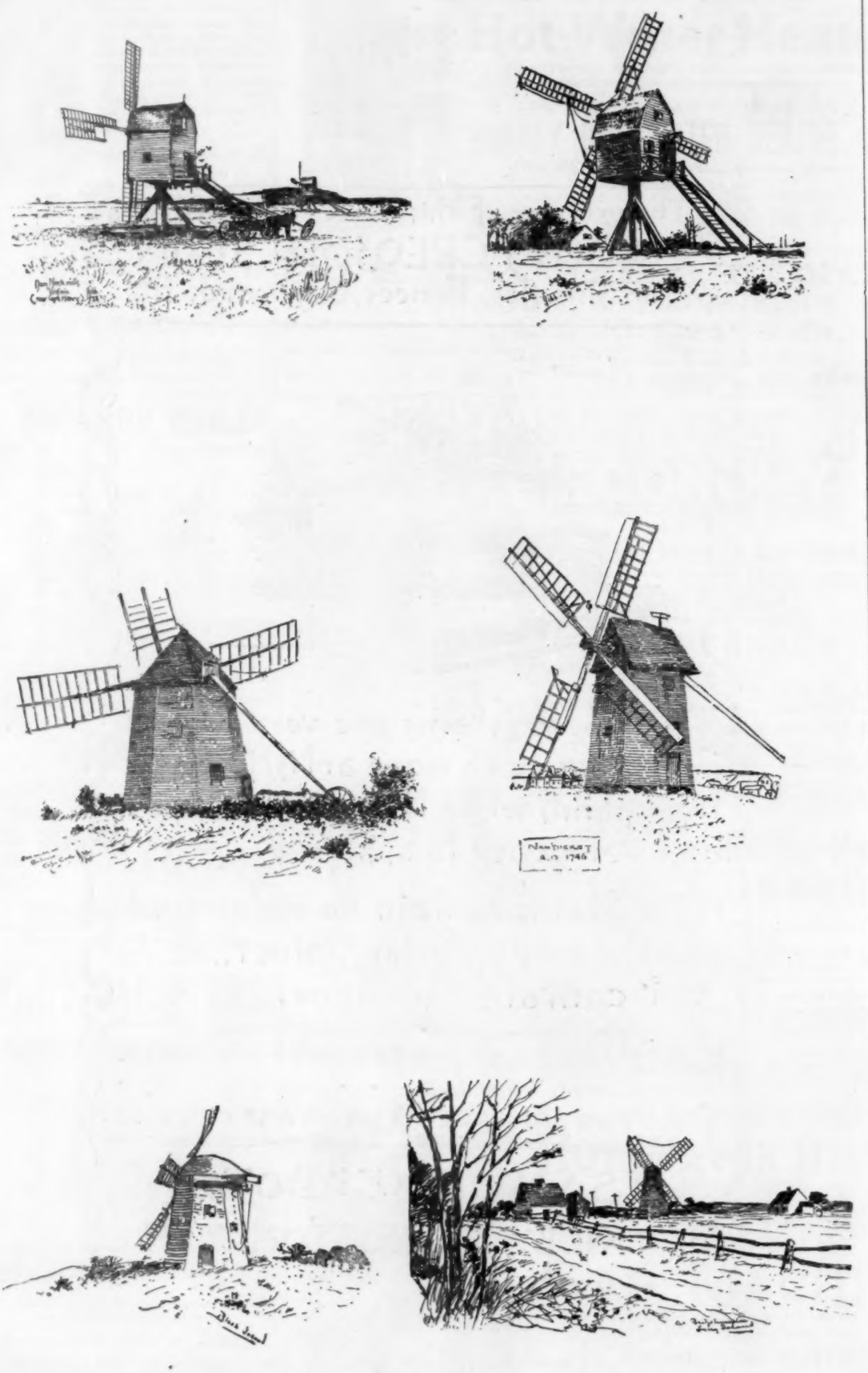

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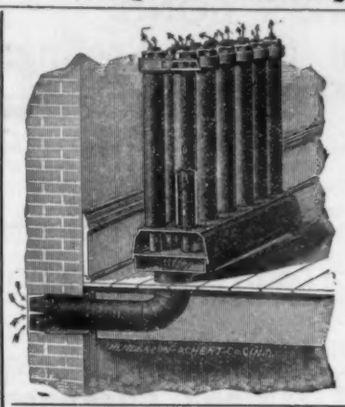

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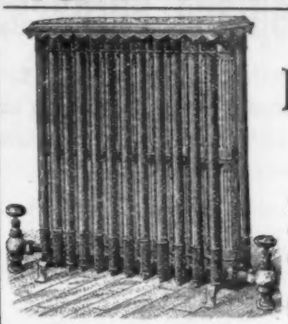

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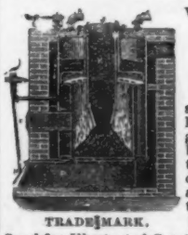

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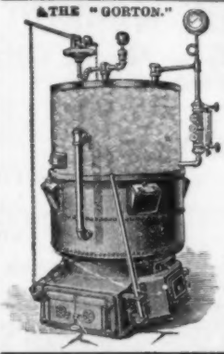

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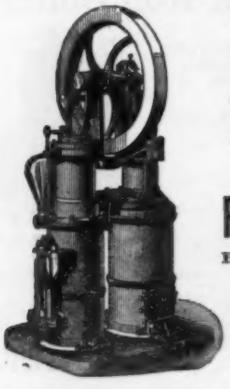

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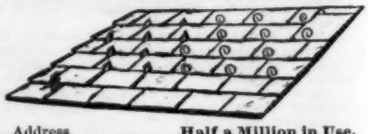

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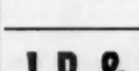

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AND

CAST IRON WORK

OF ALL KINDS,

FOR BUILDINGS, &c.

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211 TREMONT ST., BOSTON, MASS.

For the American Architect and Building News Co

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ONE OF OUR OLDEST ADVERTISERS.

We ask attention this week for the advertisement of Messrs. Waldo Brothers, on page iii. This establishment first placed an advertisement in this journal, April 22, 1876, and has kept it ever since that time before our readers. Architects who have mason work to execute within freighting distance of this city may feel assured that through this firm every necessary and many unusual supplies can be procured.

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WANTED.

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WANTED.

CATALOGUES. — Wanted catalogues, price-lists, samples, etc., of building materials and supplies. Address, Alderman & Lee, architects, Birmingham, Conn. 686

WANTED.

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WANTED.

DESIGNER AND SUPERINTENDENT. — Position wanted as designer and superintendent for mural decoration. Address, "E. L. W.," uptown *Tribune*, New York. 685

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J. E. Bolles & Co.
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Bridgeport Gun Implement Co.

See the first issue of the month for the following advertisements.

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Walton Architectural Iron Co.
Atlantic W. Lead & Lin. Oil Co.
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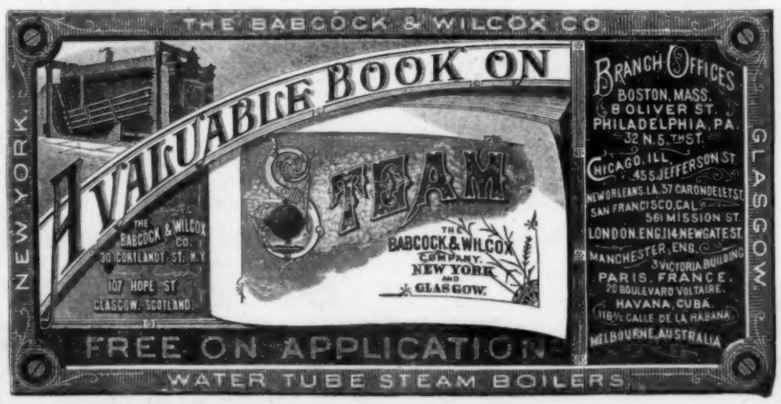

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Price $1.25 post paid.

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The Mutual Life Insurance Co. of New York,

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For the year ending December 31st, 1888.

Total Assets,	**$126,082,153 56**
Increase in Assets,	**$7,275,301 68**
Surplus at four per cent.,	**$7,940,063 63**
Increase in Surplus,	**$1,645,622 11**
Policies in force,	**158,369**
Increase during year,	**17,426**
Policies written,	**32,606**
Increase during year,	**10,361**
Risks assumed,	**$103,214,261 32**
Increase during year,	**$33,756,792 95**
Risks in force,	**$482,125,184 36**
Increase during year,	**$54,496,251 85**
Receipts from all sources,	**$26,215,932 52**
Increase during year,	**$3,096,010 06**
Paid Policy-Holders,	**$14,727,550 22**

THE ASSETS ARE INVESTED AS FOLLOWS:

Bonds and Mortgages,	**$49,617,874 02**
United States and other securities,	**$48,616,704 14**
Real Estate and Loans on collateral,	**$21,786,125 34**
Cash in Banks and Trust Companies at interest,	**$2,813,277 60**
Interest accrued, Premiums deferred and in transit, Etc.,	**$3,248,172 46**
	$126,082,153 56

I have carefully examined the foregoing statement and find the same to be correct.
A. N. WATERHOUSE, Auditor.

From the Surplus above stated a dividend will be apportioned as usual.

Year.	Risks Assumed.	Risks Outstanding.	Surplus.
1884	$34,681,420	$351,789,585	$4,743,771
1885	46,507,139	368,981,441	5,012,634
1886	56,832,719	393,809,203	5,643,568
1887	69,457,468	427,628,983	6,294,442
1888	103,214,261	482,125,184	7,940,063

NEW YORK, January 23, 1889.

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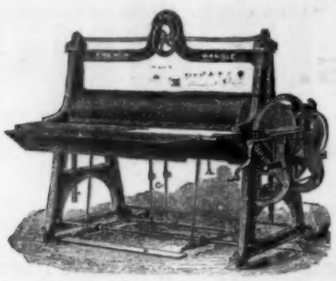

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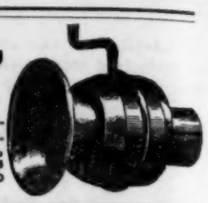

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Boston, Mass.—*Portland St., No.* 32, Ward 7, remodelling brick dwell.; owners, D. J. & L. W. Puffer.

Meridian St., Nos. 338-342, cor. Eutaw St., Ward 1, wooden projection to brick manufactory; owner, Cora L. Shaw; builder, G. E. Hill.

Brooklyn, N. Y.—*Conselyea St., No.* 137, one-st'y addition, etc., new frame rear; cost, $3,800; owner, Marshall G. Dodds, 107 Ainslie St.; architect, F. Weber; builder, O. J. Dodds.

Broadway, w s, 75′ 9″ s Vernon Ave., flat tin roof, also three-st'y brick extension, tin roof, new brick front; cost, $4,000; owner, Fred. Lange, on premises; architect, H. Vollweiler; builder, not selected.

Underhill Ave., No. 573, one-st'y addition, tin roof, also four-st'y brick extension, tin roof, interior alterations; cost, $4,000; owner, Mary Thompson, 800 Atlantic Ave.; builder, P. Thompson.

Scholes St., s s, 100′ w Humboldt St., interior alterations; cost, $3,000; owners, Williamsburgh Brewing Co., Meserole St., cor. Humboldt St.; architect, G. Knoche; builders, U. Maurer and H. Schiefer.

Bushwick Ave., e s, 50′ n Scholes St., three-st'y brick extension, internal alterations, etc.; cost, $8,000; owner and builder, E. Ochs, on premises; architect, Th. Engelhardt.

Philadelphia, Pa.—*Thirty-eighth and Centre Sts.*, one-st'y front addition; builder, James Taylor, Nineteenth and Callowhill Sts.

North Delaware Ave., No. 128, alterations and repairs; owners, Armour & Co., Delaware Ave. and Pine St.

Fulton St., No. 1221, brick back building for kitchen; builder, E. Ward, 520 South Seventh St.

North Tenth St., No. 1253, three-st'y brick front; owner, E. H. Prsetz, 2247 Colorado St.

Walnut St., ab. Eleventh St., store front and interior alterations by Thomas Little & Son, 718 South Eleventh St.

Sixth St., n w cor. York St., front alteration; owner, Samuel R. Stewart, 2358 North Sixth St.

BUILDING INTELLIGENCE.

Eleventh St., n e cor. Spruce St., alterations and additions to brick dwell.; owner, A. S. Tourison, 5541 Germantown Ave.

Master St., No. 520, front and interior alterations; builder, Thomas McCarty, 1935 North Seventh St.

Tackawanna St., bet. Foulkrod and Harrison Sts., 2 two-st'y kitchens; owners, R. C. Winnals & Bro., 4633 Worth St., Frankford, Pa.

Callowhill St., No. 2102, two and three-st'y addition on brick back building; owner, John S. Cornell, 2169 North Twentieth St.

Seventh St., e s, bet. Wood and Callowhill Sts., two-st'y addition on present two-st'y brick school-building; builder, Lewis Havens, 201 South Fifth St.

South Third St., No. 34, one-st'y addition to rear of brick printing-house; builder, Lewis Havens, 201 South Fifth St.

Providence, R. I.—*Orms St., No.* 57, addition to dwell.; owner, Michael R. Early.

Pavilion St., No. 62, alterations to frame dwell.; cost, $3,000; owner, George Livesey; builder, H. Taylor.

St. Louis, Mo.—New front to three-st'y brick building; cost, $4,800; owner, Geo. E. Leighton; architect, A. M. Baker; contractor, J. H. Keefe.

APARTMENT-HOUSES.

Boston, Mass.—*St. Botolph St., Nos.* 189-191, 2 four-st'y brick apartments, flat roofs, 22′ x 53′; owner, E. B. Horn; builders, Keening & Strout Bros.

CHURCHES.

Detroit, Mich.—First Presbyterian Society will build a new stone church on Woodward Ave.

Fort St. Congregational Society contemplates building a new stone church and chapel on Woodward Ave.; cost, not over $90,000.

Unitarian Society will build a new stone church on Woodward Ave.

Norfolk, Va.—New edifice for St. Luke's Episcopal Church; cost, abt. $30,000.

FACTORIES.

Brooklyn, N. Y.—*St. Mark's Ave.*, s e cor. Underhill Ave., five-st'y brick factory, composition roof; cost, $40,000; owner, George K. Shiebler, 483 Washington Ave.; architect, M. J. Morrill; builder, C. Cameron.

Philadelphia, Pa.—*Leithgow St., No.* 2007, brick workshop for brass foundry; owner, John Kopp, 2009 Lawrence St.

HOTELS.

Boston, Mass.—*St. James Ave., No.* 119, Ward 11, four-st'y brick family hotel, flat roof, 25′ 6″ x 90′; owner and builder, S. W. Merrill.

BUILDING INTELLIGENCE.

HOUSES.

Baltimore, Md.—Robt. J. Fagan, three-st'y brick building, n s Baltimore St., bet. Pine and Fremont Sts.

J. C. Parker, 18 two-st'y brick buildings, e s Pennsylvania Ave., bet. Presstman and Robert Sts.

Geo. Leckner, 5 two-st'y brick buildings, n s Presstman St., beg. n w cor. Bouldin Alley; and 10 two-st'y brick buildings, w s Bouldin Alley, n Presstman St.

Patrick Reddington, 3 three-st'y brick buildings, w s Aisquith St., bet. Preston and Hoffman Sts.

Louis Kohler, three-st'y brick building, n s Lombard St., bet. Broadway and Regester St.

Mary Engelhart, 2 two-st'y brick buildings, e s Huntington Ave., near Oak St.

Boston, Mass.—*Malvern St.*, near Adams St., Ward 24, two frame dwells., 16′ 9″ x 40′ and 24′ x 39′; owner and builder, J. Henderson.

Birch St., near Corinth St., Ward 23, frame dwell., 22′ x 30′; owner, Mary Jordan; builder, F. W. Jordan.

Greenwood Ave., near Washington St., Ward 23, three-st'y frame dwell., 22′ 6″ x 39′ 6″; owner, Lawrence Tobin; builder, P. Connelly.

Ashmont St., junction Burt Ave., Ward 24, frame dwell., 34′ x 39′; owner, R. F. Burt; builder, H. Delourie.

Ashmont St., near Burt Ave., Ward 24, three-st'y frame dwell., flat roof, 25′ 6″ x 61′ 6″; owner, Mrs. K. L. Gann; builder, A. Gann.

Kenwood St., near Allston St., Ward 24, frame dwell., 26′ 10″ x 44′ 8″; owner, Mrs. F. L. Campbell; builder, C. Kean.

Dana Pl., off Dana St., Ward 21, three-st'y frame dwell., flat roof, 24′ x 50′; owner and builder, C. A. Russell.

Phillips St., No. 38, Ward 22, three-st'y frame dwell., flat roof, 24′ x 40′; owner, D. Norton; builder, R. D. Ward.

Unnamed St., off Dudley Ave., Ward 23, frame dwell., 19′ 6″ x 28′; owner and builder, C. S. Cornwell.

Brooklyn, N. Y.—*Sheridan Ave.*, w s, 425′ n Adams Ave., two-st'y brick dwell., tin roof; cost, $4,000; owner and builder, S. G. Holland, 471 De Kalb Ave.; architects, D. Acker & Son.

Cooper St., s s, 150′ e Evergreen Ave., 3 two-st'y frame (brick-filled) dwells., tin roofs; cost, $6,000; owner, Henry Kordes, 86 Cooper St.; architects and contractors, Gordon & Bormann; mason, C. Baur.

Bushwick Ave., s e cor. Cedar St., two-st'y frame dwell., tin roof; cost, $8,000; owner and builder, J. Bossert, Middleton St. and Lee Ave.; architect, Th. Engelhardt.

Madison St., n s, 150′ w Stuyvesant Ave., 11 two-and-one-half-st'y brownstone dwells., tin roofs; cost, each, $4,000; owner, Charles Isbill, Madison St., near Sumner Ave.; architects, D. Acker & Son.

Bushwick Ave., n e cor. Ralph St., 3 two-st'y brownstone dwells., tin roofs; cost, each, $4,000;

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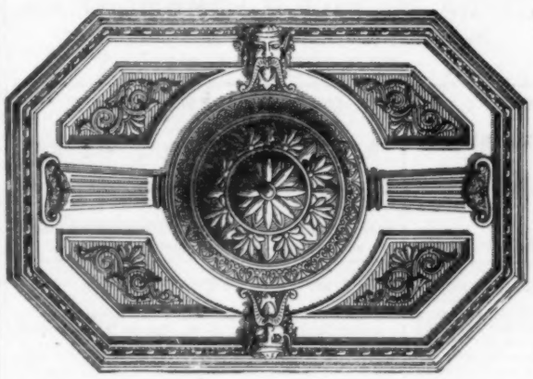
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owner, Jacob Murr, 935 Bedford Ave.; builder, not selected.

Fifty-seventh St., n s, 200′ w Third Ave., 3 two-st'y frame dwells., tin roofs; total cost, $3,800; owner, J. B. McQuillen, Fifty-second St. and Third Ave.; architects, Spence Bros.

Carroll St., s s, 200′ e Eighth Ave., 2 three-st'y brick and Belleville stone dwells., slate and tin roofs; cost, each, $10,00 ; owners, Ford & Hager, 59 Wall St.; New York; architect, G. P. Chappell.

Grove St., s s, 125′ w Evergreen Ave., 2 three-st'y frame dwells., tin roofs; cost, each, $5,500; owner, Chas. Lindemann; architects, W. Field & Son.

Glen St., s s, 50′ w Crescent St., 2 two-st'y frame (brick-filled) dwells., tin roofs; cost, each, $3,500; owner and builder, D. J. Quinn, 347 Quincy St.; architect, I. D. Powers.

Pennsylvania Ave., w s, 200′ n Sutter Ave., two-st'y frame (brick-filled) dwell., tin roof, cost, $3,-500; owner, William A. Buechner, 9 Penn Ave.; architect, F. Holmberg.

Forty-sixth St., n s, 200′ w Fourth Ave., 3 two-st'y frame (brick-filled) dwells., tin roofs; cost, each, $2,40 ; owner, architect and builder, Wm. Hunt, 259 Carroll St.

Eighth Ave., w s, 44′ s Seventeenth St., 3 three-frame dwells., tin roofs; cost, each, $5,000; owner and contractor, Geo. C. Van Orden, 418 Seventeenth St.; architect, W. O. Tait; mason, not selected.

Cambridge, Mass. — *Channing St.*, frame dwell., 42′ x 60′; cost, abt. $8,000; owner, Wm. A. Hayes; architect, J. Philip Rinn, Boston; builder, F. W. Churchill.

Cincinnati, O.—S. Foster, Jr., two-and-one-half-st'y brick dwell.; cost, $5,000; architect, J. Boll.

G. Hilbert, four-st'y brick dwell.; cost, $6,250; architects, G. & A. Brink.

J. Gerling, four-st'y brick dwell.; cost, $8,000; architects, G. & A. Brink.

F. S. Sinkul, three-and-one-half-st'y brick dwell.; cost, $5,900; architect, Jno. G. Heyl.

Detroit, Mich. — W. N. Dixon, 2 two-st'y frame dwells., 88-90 Lyman St.; cost, $3,000.

J. J. Martin, 2 two-st'y frame dwells., 313-317 Fourteenth Ave.; cost, $5,200.

P. Henderson, frame dwell. and barn, 226 Second St.; cost, $4,300.

Seth Smith, brick dwell., 13-15 Laurel St.; cost, $2,500.

J. D. Campau, brick dwell., Jefferson Ave.; cost, $30,000.

New York, N. Y.— *Eighty-ninth St.*, 82′ 2″ w Park Ave., 6 three-st'y brick dwells., tin roofs; cost, $72,000; owner, Frank Ewise, 14 East Eighty-seventh St.; architect, G. A. Schellinger, 128 Broadway.

Seventy-sixth St., n s, 87′ 2″ w Boulevard, 9 four-st'y brick dwells., mansard, tin, and slate roofs; cost, $171,000; owner, Dore Lyon, 321 West One Hundred and Thirty-sixth St.; architect, Wm. H. Boylan, 321 West One Hundred and Thirty-sixth St.

Philadelphia, Pa.—*Carlisle St.*, e s and w s, and Rosewood St., e s and w s, s Moore St., 96 two-st'y brick dwells.; owner, L. P. Simpson, 1300 South Nineteenth St.

Vine St., s s, w Forty-third St., 6 three-st'y brick dwells.; owner, Thomas Marshall, 315 North Fifty-second St.

Wisner St., bet. Twelfth and Thirteenth Sts., 4 two-st'y brick dwells.; owner, Michael H. Brennan, 925 Washington Ave.

Seventeenth St., n e cor. Newcomb St., 3 two-st'y brick dwells.; contractor, W. A. Presler, Eighteenth and Newcomb Sts.

Perkiomen St., n s, e Nineteenth St., 2 three-st'y brick dwells.; owner, J. H. Jordan, 2431 Jefferson St.

North Second St., No. 1751, two-st'y brick dwell.; owner, P. McGrother, 3520 North Fifth St.

Mount Airy Ave., n e cor. Boyer St., 4 three-st'y dwells.; owner, A. S. Tourison, 5541 Germantown Ave.

Providence, R. I. — *Public St.*, n s, near Prairie Ave., two frame dwells; owner, Michael F. Manning.

TENEMENT-HOUSES.

Boston, Mass.— *Village St., Nos.* 20-22-24, Ward 16, 3 four-st'y brick tenements, flat roofs, 19′ 6″ x 45′; owner, N. S. Thomas; builder, D. W. Thomas.

Brooklyn, N. Y.—*Lorimer St.*, w s, 50′ n Richardson St., three-st'y frame (brick-filled) tenement, gravel roof; cost, $4,500; owner, D. S. Yeomans, Ainslie St., cor. Rodney St.; architect, F. Weber; builder not selected.

North Second St., s s, 364′ e Union Ave., three-st'y frame (brick-filled) tenement, tin roof; cost, $5,000; owner, Mrs. Ester, on premises; builders, M. Metzen and J. Auer.

Douglass St., n s, 210′ w Fifth Ave., 2 three-st'y brick tenements, tin roofs; cost, each, $4,500; owner and builder, John J. Bentzen, State St., cor. Boerum Pl.; architect, C. Werner.

Newton St., s s, 100′ e Graham Ave., three-st'y frame (brick-filled) tenement, tin roof; cost, $4,500; owners and builders, Leopold Michael and J. H. Scheidt, Graham Ave., cor. Meserole St.; architect, Th. Engelhardt.

Fourth Ave., w s, 120′ s Fifteenth St., three-st'y frame tenement, tin roof; cost, $4,500; owner, M. A. McCormick, 138A Sixteenth St.; architect and builder, T. McCormick.

OFFICE-BUILDINGS.

Philadelphia, Pa — *Sixth St.*, e s, s Clearfield St., one-st'y brick office-building; owners, Harbach & Auchter.

Franklin St., No. 242, one-st'y brick office-building; owner, R. B. Clark, 770 Pennock St.

RAILROAD BUILDINGS.

Cincinnati, O.— Cincinnati Union Depot & Railway Co., building; cost, $30,000; architect, T. Radd.

SCHOOL-HOUSES.

Philadelphia, Pa. — Another school-building is to be built within the Girard College walls; cost, $125,-000; contractor, Allen B. Rorke.

STABLES.

Boston, Mass.— *Norfolk St.*, rear, near Walk Hill St., Ward 24, frame stable, 25′ x 30′; owner, G. W. Macaulay; builder, W. A. Macaulay.

Dalhven St., near Harold St., Ward 21, frame stable, 18′ x 39′; owner, Martin J. Finn; builder, M. McLaughlin.

Cincinnati, O. — H. & S. Pogue & Co., three-st'y brick stable; cost, $6,000; architects, Samuel Hannaford & Sons.

Philadelphia, Pa.— *Lawrence St.*, s e cor. Diamond St., two-st'y brick stable; owner, D. C. Shuler, 2327 North Sixth St.

Fairhill St., s e cor. Clearfield St., two-st'y brick stable; builders, Harbach & Auchter, Twenty-sixth and Thompson Sts.

STORES.

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roofs; cost, each, $5,000; owner, G. R. Brown, 26 Court St; builders, L. E. Brown and J. F. Kentana.

Graham Ave., n w cor. Newtown St., 5 three-st'y frame (brick-filled) stores and tenements, tin roofs; total cost, $23,000, owners and builders, L. Michael and J. Scheidt, Graham Ave. and Meserole St.; architect, Th. Engelhardt.

Newtown St., s w cor. Graham Ave., 4 three-st'y frame (brick-filled) stores and tenements, tin roofs; cost, $18,000; owners, etc., same as last.

Fourth Ave., n w cor. Union St. and Fourth Ave., s w cor. Sackett St., 2 four-st'y brick stores and dwells., gravel roofs; cost, each, $5,000; owner, Geo. R. Brown, 26 Court St.; builders, L. E. Brown and J. F. Kentana.

Grand St., s w cor. Agate St., 2 four-st'y frame (brick-filled) stores and tenements, tin roofs; cost, each, $5,600; owner, J. Price, 141 Ross St.; architect, B. Finkensieper.

Palmetto St., n s, 300' w Central Ave., three-st'y frame (brick-filled) store and tenement, tin roof; cost, $4,500; owner, Casp. Volhardt, on premises; architect, B. Finkensieper; builder not selected.

Fulton Ave., n w cor. Ashford St., 2 three-st'y frame store and tenements, tin roofs; cost, each, $4,500; owner and architect, Charles Drasser, 562 Quincy St.; builder not selected.

Cincinnati, O.—C. H. Mueller, four-st'y brick store and flat; cost, $8,000; architect, E. G. Rueckert.

H. Roehrs, four-st'y brick store and flat; cost, $4,500; architect, H. Roehrs.

V. Duttenhofer, three-and-one-half-st'y brick store and flats; cost, $6,500; architects, G. & A. Brink.

Lexington, Ky.—Jas. Scott, three-st'y brick store; cost, $5,000.

Philadelphia, Pa.—*Sixth St.*, s e cor. South St., three-st'y brick store-building; builder, E. Ward, 526 South Seventh St.

St. Louis, Mo.—Three-st'y and mansard brick store and rooms; cost, $8,000; owner, Miss N. Pitchey; architect, A. J. Wilhelme; contractor, W. C. Popp.

Three-st'y and mansard store and rooms; cost, $3,000; owner, J. M. Carpenter; architect, Brown; contractor, M. Kirkwood.

Three-st'y and mansard store and rooms; cost, $5,000; owner and contractor, W. Roth.

Four adjacent two-st'y and mansard store and dwells.; cost, $12,000; owner, Thos. J. Gallagher; architect, F. W. Brady; contractor, M. Connelly.

Three-st'y and mansard store and rooms; cost, $3,725; owner, Frank Wahl; contractor, H. R. Becker.

WAREHOUSES.

St. Louis, Mo.—Two-st'y brick warehouse; cost, $6,000; owner, Geo. Gray; architect, C. C. Helmers; contractors, Kohlmeyer & Son.

MISCELLANEOUS.

Germantown, Pa.—*Wayne St. and Walnut La.*, mansard roof; owner, Chas. A. Roop, 4 Harmeton St.

Princeton, N. J.—Competitive plans and designs for the new dormitory, Princeton College, have been handed in to the committee of the Trustees by the following architects: S. M. Huston, Philadelphia; J. L. Paxton, New York; C. C. Stone, Boston; A. P. Brown, New York. The competition has been awarded to Mr. Brown, who is now building the Art Museum.

St. Louis, Mo.—Two-st'y machine-shop; cost, $2,650; owner, Geo. Bunte; contractor, A. Wagoner.

COMPETITIONS.

$100 PRIZE OFFERED.—A prize of one hundred dollars is hereby offered for the best perspective drawing of model exposition grounds, showing therein a memorial hall, main, machinery, agricultural, live-stock and poultry buildings, race-track, grand stand, etc. The award will be made by a competent committee, and the prize promptly paid. All drawings must be received not later than March 15, 1889, and send to JNO. T. DICKINSON, Secretary International Fair Association, San Antonio, Tex.

COURT-HOUSE.

[At Woodstock, Ont.]

WOODSTOCK, ONT., January 28, 1889.

The Council of the County of Oxford invite competition in the preparation of plans and specifications for a new court-house, proposed to be erected in the town of Woodstock, Ont., at a cost not to exceed $75,000, complete and furnished.

The following prizes are offered: for the best, $250; for the second-best, $150; for the third, if more than three are submitted, $100.

Written instructions prepared by the Committee may be seen at the County Clerk's office at Woodstock, or will be furnished on application to any person wishing to compete.

JAMES WHITE,
685 County Clerk, County of Oxford.

PROPOSALS.

February 4, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock, P. M., 23d day of February, 1889, for the labor and materials required in the remodelling of old hot-water heating apparatus in old building, and in the erection and completion of the new low-temperature, hot-water heating and ventilating apparatus for the extension of the United States Custom-House, etc., building at Richmond, Va., in accordance with the specification and drawing, copies of which, with other necessary information, may be seen on application at this office; the office of the Superintendent; the Master Builders' Associations at Boston, Mass., and Baltimore, Md.; the Builders' Exchange at Cincinnati, O.; the Builders' and Traders' Exchange at Chicago, Ill.; the Mechanics' and Traders' Exchange, New York City; the Engineers' Society of Western Pennsylvania at Pittsburgh, Pa., and the Master Builders' Exchange at Philadelphia, Pa. Each bid must be accompanied by a certified check for $500. The Supervising Architect will furnish a limited number of copies of the specification and drawings at $3 a set, upon receipt of that sum in post-office money-order, drawn to the order of the Treasurer of the United States. WILL. A. FRERET, Supervising Architect. 685

February 4, 1889. Sealed proposals will be received at the Office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 23d day of February, 1889, for the labor and materials required in the erection and completion of a hydraulic passenger elevator in the United States Court-House, Post-Office, etc., at San Antonio, Tex., in accordance with the specification and drawings, copies of which may be seen at this office; the office of the Superintendent; the Master Builders' Association, Boston, Mass.; the Builders and Traders' Exchange, Chicago, Ill.; the Builders' Exchange, Cincinnati, O.; the Mechanics' and Traders' Exchange, New York City, and the Master Builders' Exchange, Philadelphia, Pa. Each bid must be accompanied by a certified check for $200. The Supervising Architect will furnish a limited number of copies of the specification and drawings at $2 a set, upon receipt of that sum in post-office money-order, drawn to the order of the Treasurer of the United States. WILL. A. FRERET, Supervising Architect. 685

February 4, 1889. Sealed proposals will be received at the Office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 23d day of February, 1889, for the labor and materials required in the erection and completion of the low-pressure, return-circulation, steam-heating and ventilating apparatus for the United States Post-Office, etc., building at Owensboro, Ky., in accordance with the specification and drawings, copies of which, with other necessary information, may be seen on application at this office; the office of the Superintendent; the Master Builders' Associations at Boston, Mass., and Baltimore, Md.; the Builders' Exchanges at Cincinnati, O.; Detroit, Mich., and Milwaukee, Wis.; the Builders' and Dealers' Exchange Company, Cleveland, O.; the Builders' and Traders' Exchanges at Chicago, Ill.; Kansas City, Mo., and Louisville, Ky.; the Mechanics', Dealers' and Lumbermens' Exchange, New Orleans, La.; the Engineers' Society of Western Pennsylvania at Pittsburgh, Pa., and the Master Builders' Exchange at Philadelphia, Pa., and

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PROPOSALS.

the Mechanics' and Traders' Exchange, New York City. Each bid must be accompanied by a certified check for $300. The Supervising Architect will furnish a limited number of copies of the specification and drawings at $3 a set, upon receipt of that sum in post-office money-order, drawn to the order of the Treasurer of the United States. WILL. A. FRERET, Supervising Architect. 685

CHURCH.
[At Rockville, Conn.]
ROCKVILLE, CONN., January 17, 1889.

Sealed proposals for the building of the Union Congregational Church in Rockville, Conn., will be received on or before the **12th day of February, 1889, at 12 o'clock** M.

Plans and specifications for the structure can be seen at the Town Clerk's Office.

Proposals will be addressed to J. G. Bailey, Chairman of Building Committee, Rockville, Conn.

Bonds for performance of contract will be required.

The Building Committee reserve the right to reject any and all proposals, if in their opinion the interests of the society require it.

J. G. BAILEY,
CROSLEY FITTON,
GEO. SYKES,
G. M. PAULK,
E. K. LEONARD,
} Building Committee.
685

TO IRON MANUFACTURERS. Office of the Light-House Engineer, Third District, Tompkinsville, N. Y., February 1, 1889. Proposals will be received at this office until 12 o'clock, noon, of Tuesday, the 21st day of February, 1889, for furnishing the materials and labor of all kinds necessary for the construction, completion and delivery of the Stonington Breakwater Light-Station, Connecticut. Plans, specifications, forms of proposal and other information may be obtained on application to this office. The right is reserved to reject any or all bids, and to waive any defects. D. P. HEAP, Major of Engineers, U. S. Army, Engineer Third Light-House District. 686

MINERS' HOSPITAL.
[At Hazleton, Pa.]

Proposals will be received **up to March 1, 1889,** for the erection of a miners' hospital at Hazleton, Pa.

Plans and specifications can be seen by applying to Jas. E. Roderick, Esq., Markles Block, Hazleton, Pa.

687 E. L. BULLOCK, Secretary.

SLATE BLACK-BOARDS.
[At Cincinnati, O.]

Sealed proposals will be received at the office of the Board of Education, Public Library Building, **until 12 o'clock, noon, of Monday, February 11, 1889,** for furnishing and putting up "Real Slate Black-Boards," for the new 18-room school-house on the northeast corner Elm and Canal Streets, in accordance with the specifications on file in said office.

Each bid must contain the name of every person interested therein, and must be accompanied by a written guaranty by some disinterested person, in the sum of $1,000, that if the bid be accepted a contract will be entered into and the performance of it properly secured.

Bids must be upon blank forms to be obtained in the above office.

Bids must be plainly marked "Proposals for Slate Black-Boards."

PROPOSALS.

The Board reserves the right to reject any or all bids.

By order of the Board of Education.

GEORGE EMIG,
685 Chairman Committee Buildings.

STEEL WIRE, CANVAS, COPPER, ETC.
[At Boston, Mass.]
BOSTON, MASS., January 21, 1889.

Sealed proposals, endorsed "Proposals for Naval Supplies," will be received at the Bureau of Provisions and Clothing, Navy Department, Washington, D. C., **until 11 o'clock** A. M., **February 16, 1889,** and publicly opened immediately thereafter, to furnish and deliver, at the Boston Navy Yard, 32,480 pounds steel wire, a quantity of cotton and flax canvas, sheet copper, flange iron and miscellaneous equipment supplies.

The articles must conform to the prescribed standard and pass the usual naval inspection.

Tie bids decided by lot.

Blank proposals containing specifications, etc., can be obtained upon application to the Bureau, or to the general storekeeper at the Navy Yard, Boston.

The Department reserves the right to reject any proposal not considered advantageous to the Government.

JAMES FULTON,
685 Paymaster General, U. S. Navy.

LUMBER AND DRAWING MATERIAL.
[At Norfolk, Va.]
NORFOLK, VA., January 23, 1889.

Sealed proposals, endorsed "Proposals for Lumber" or "Drawing Materials," will be received at the Bureau of Provisions and Clothing, Navy Department, Washington, D. C., **until 11 o'clock** A. M., **February 16, 1889,** and publicly opened immediately thereafter, for 10,000 feet white pine stage plank, 210 poles and shores, and a quantity of drawing material, to be delivered at Navy Yard, Norfolk, Va.

The articles must conform to the prescribed standard and pass the usual naval inspection.

Tie bids decided by lot.

Blank proposals containing specifications, etc., can be obtained upon application to the Bureau, or to the general storekeeper at the Navy Yard, Norfolk, Va.

The Department reserves the right to reject any proposal not considered advantageous to the Government.

JAMES FULTON,
685 Paymaster General, U. S. Navy.

METAL WORK.
[At Maryland Shore.]
OFFICE OF THE LIGHT-HOUSE ENGINEER, FIFTH AND SIXTH DISTRICT,
BALTIMORE, MD., January 19, 1889.

Sealed proposals will be received at this office **until 12 M. of Wednesday, the 13th day of February, 1889,** for furnishing the materials of all kinds necessary for the completion and delivery of the metal work of the Holland's Island Bar, Md., and Great Wicomico River, Va., Light-Houses.

Plans, specification, forms of proposal and other information may be obtained on application to this office.

The right is reserved to reject any and all bids, and to waive any defects.

J. C. MALLERY,
Captain of Engineers, U. S. Army, Light-House Engineer, Fifth and Sixth Districts.
685

PROPOSALS.

ELECTRIC LIGHTING.
[At St. Louis, Mo.]
OFFICE OF THE BOARD OF PUBLIC IMPROVEMENTS,
ST. LOUIS, MO., January 8, 1889.

Sealed proposals for the public work hereinafter mentioned will be received at the office of the Board of Public Improvements of the city of St. Louis, Mo., **until 12 A. M. of the 28th day of February, 1889,** at which hour they will be publicly opened and read, *viz.:*

For lighting with electricity for the term of ten years from January 1, 1890, the streets, public places, and such public buildings as may be designated in the following districts of the city of St. Louis, Mo., *viz.:*

Letting No. 2,503. The district described as the southern district in ordinance numbered 14,697, approved December 29, 1888.

Deposit required, $5,000.

Letting No. 2,504. The district described as the northern district in ordinance number 14,697, approved December 29, 1888.

Deposit required, $5,000.

Bidders will state prices per annum at which arc-lights of 2,000-candle-power each, or incandescent lights of 30-candle-power each, will be furnished, operated, and maintained for lighting streets and public places; also prices per annum at which arc-lights of 2,000-candle-power each, or incandescent lights of 16-candle-power each, will be furnished, operated, and maintained for lighting public buildings.

Everything required for the above electric lighting shall be furnished and maintained by the contractor.

The contract with the city will carry the privilege of furnishing electricity for light and power to private parties and corporations along the lines of distribution.

The contract will contain stipulations by which the city of St. Louis may acquire the entire electric plant and appurtances at the expiration of the contract.

Bidders must submit with proposals general and detailed plans and specifications of the proposed system of distributing the electricity, modes of supporting the lights and wires, and of safety appliances.

Proposals must be made on blank forms, and inclosed in envelopes furnished by the Board of Public Improvements. The certificate of the Treasurer of the city of St. Louis that the sum of $5,000 has been deposited in the treasury must be inclosed with the proposal.

The right to reject any or all proposals is expressly reserved.

Specifications, form of contract, and plans of the districts to be lighted may be seen at the office of the Precident of the Board of Public Improvements of the city of St. Louis, on and after January 23, 1889.

Any contract let hereunder will require the approval of the Municipal Assembly by ordinance.

By order of the Board.

HENRY FLAD, President.

Attest: EMORY S. FOSTER, Secretary.
685

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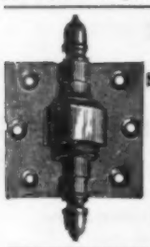

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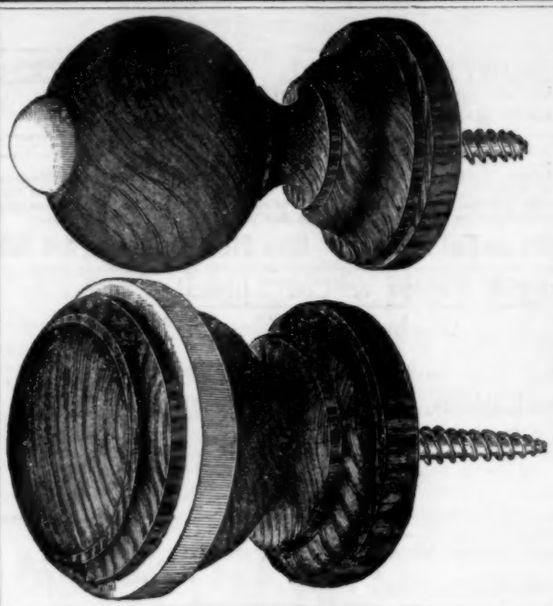

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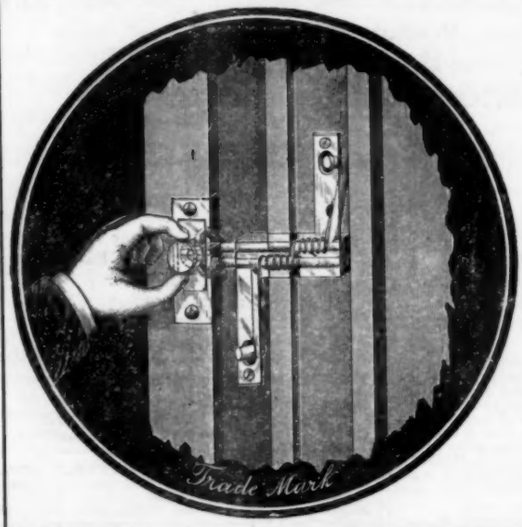

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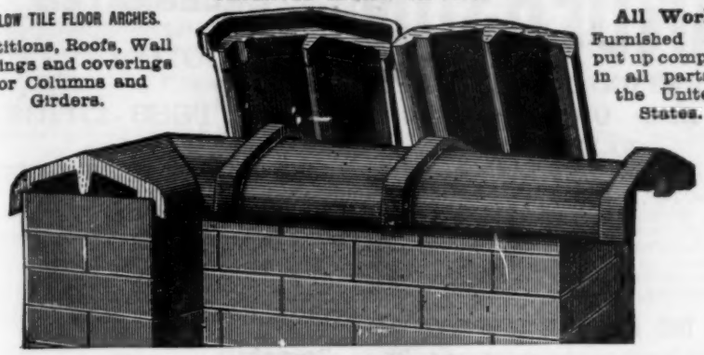

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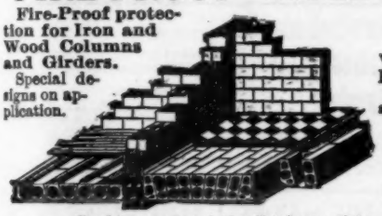

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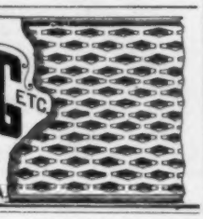

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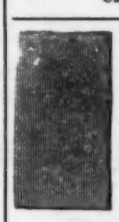

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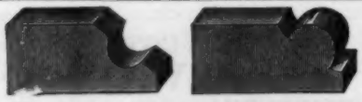

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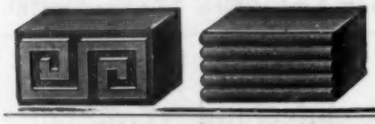

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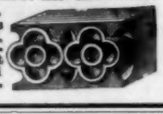

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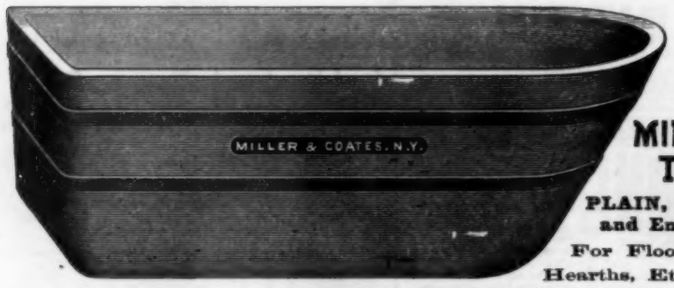

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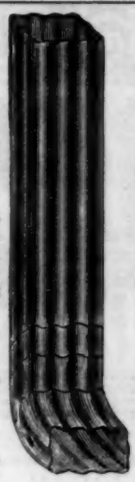

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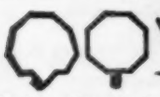

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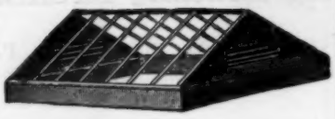

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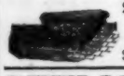

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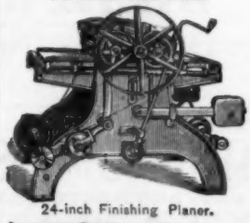
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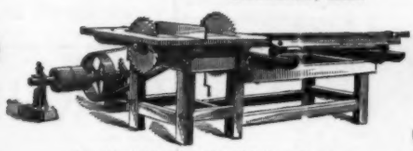
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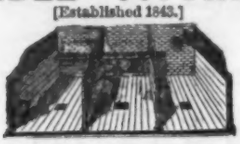

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" " Stettin, (Anchor)	2 35 @ 2 85		*Not Sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 50 @ 2 75
Roman	2 75 @ 3 00	@ 3 20	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	7 00 @ 7 50	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	11 00 @ 12 00	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime 25 @ 30 ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		White Mash 1 25 @ 150
Chicago Lime in bulk		St. John 1 00	55 @	1 00 @ 1 00
Wisconsin "			60 @	
Rockland and Rockport, (Com.)	@ 1 00	@ 1 05	*Not sold.*	
Rockland and Rockport, finish	@ 1 20	@ 1 10	*Not sold.*	*Not sold.*
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	1 25 @ 2 25
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	1 75 @ 2 50
State, finishing "	@ 1 10	*Not sold.*	*Not sold.*	22 @ 30
Plaster of Paris (calcined.)	1 20 @ 1 25	1 85 @ 1 90	1 95 @ 1 90	30 @ 35
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	@ 1 50
Hair (Cattle) ₱ *bush*	18 @ 21	25 @ 30	20 @ 25	
" (Goat)	25 @ 28	@ 30	30 @ 55	55 @ 65
Sand, ₱ *load*	1 00 @ 1 25	1 75 @ 1 90	@ 60	
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		75 @ 90
Limestone:	45 @ 1 25	95 @ 1 00	50 @	Richmond
Bedford	@ 1 00		35 @ 55	75 @ 1 55
Joliet			35 @ 60	4 50 ₱ Perch
Lemont			@ 1 00	
Serpentine				

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Foundation:				
Dimension	@	5 00 ℔ ton	20 @ 2	@ 5 00
Block	@	4 60 ℔ perch		Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 20
Planed	50 @ 6 00	75	50 @ 1 00	45 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		95 @ 1 16
Kibbe	@ 90	90 @ 1 10		1 05 @ 1 35
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	55 @ 1 00
Berea } Ohio	75 @ 1 00	80 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 40
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 00 @ 1 10
Caen	@	@ 2 00	"	1 25 @ 1 50
Carlisle, English	@ 1 05	80 @ 90		95 @ 1 10
Corse Hill (Scotch)	1 05			
Marble (℔ *cu. ft.*)				
Lee, Mass.	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and Blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined	@	50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna	@	3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red	@	1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville	@	85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@		*Not sold.*	2 00 @ 3 00
Vermont, white	@	1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	10 00 @ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75		6 25 @ 6 85	3 25 @ 4 00
" " Chapmans	— —		7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 00 @ 7 50	7 00 @ 9 50	@ 5 32
Tiles, Am. ℔ M.	@		*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil,* ℔ *lb.*)				
White lead, Am.	7 @ 7½	7 @ 7½	6½ @ 7½	7 @ 7½
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	6½ @ 7
Red lead, Am.,	6½ @ 7	7 @ 7½	6½ @ 7½	6½ @ 6½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. @ 68
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 15
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	@ 16
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" @ 24
Black, lamp,	15 @ 25	15 @ 25	8 @ 30	@ 15
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw) (℔ gal.)	57 @ 58	58 @ 60	57 @ 58	@ 59
" " boiled	60 @ 61	61 @ 63	60 @ 61	@ 64
Turpentine	47 @ 48	50 @ 53	50 @ 51½	@ 53
Varnish, coach		1 50 @ 6 00	1 25 @ 2 00	@ 3 00
Shellac		2 50 @ 3 00	2 25 @ 4 00	@ 3 00
Putty	2 @	2 @ 4	02 @ 02½	@ 2
Whiting (℔ cwt.)	75 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.,)	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Litharge, Am.	5½ @ 6	5½ @ 6½	6½ @ 7½	6 @ 6½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	@ 14
Umber, "	14 @ 20	14 @ 20	2 @ 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 80		2 15 @	pr kg @ 2 10
10d. common	@ 2 60	@ 2 30	@ 2 25	@ 2 30
Shingle	@ 3 35	@ 2 80	@ 2 75	
Lath	@ 4 85	@ 3 70	@ 3 65	4 50 @ 5 50
Finishing nails according to size.)			Add .85 to $1.15	per ℔ 11 @ 14
(*For casing nails add* 75c. *per keg.*)			" .50 to .90	Add pr cask
Butts: 4"x 4" (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 16
Japanned	@ 1 50	@ 1 75	*Not sold.*	1 75 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 75 @ 2 00
Ball Tip, Boston Finish (℔ pair.)	@ 65	@ 50	*Not sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 45
Brass (or supboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony				@ 35
Apple wood				37 @ 1 00
Knobs: (℔ *Set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hematite	*Not sold*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 16	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 4 50	50 @ 3 50
Brass	1 00@ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		15 00 @ 17 00	13 00 @ 15 %	22 @ 35
Sheet Lead		@ 6½		
Lead Pipe		@ 6		
Iron:				
I-Beams, up to and including 30 ft.	3 3-10 @ 3½	2 8-10 @ 3	@	@ 2 8-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance.	@	@	@ 4	@ 2 8-10
Channel-Beams	3 3-10 @ 3½	2 8-10 @ 3	@ 4	@ 2 8-10

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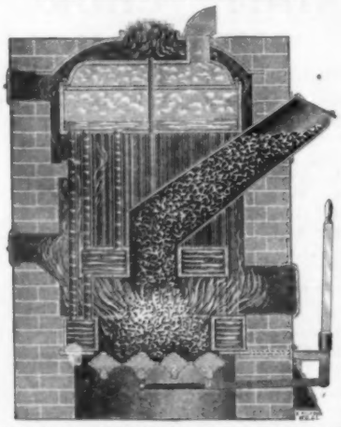

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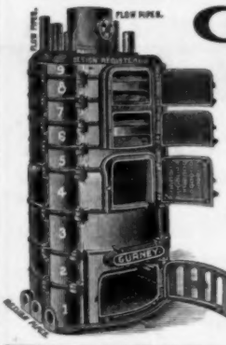

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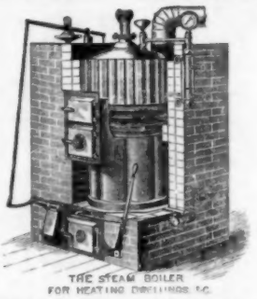

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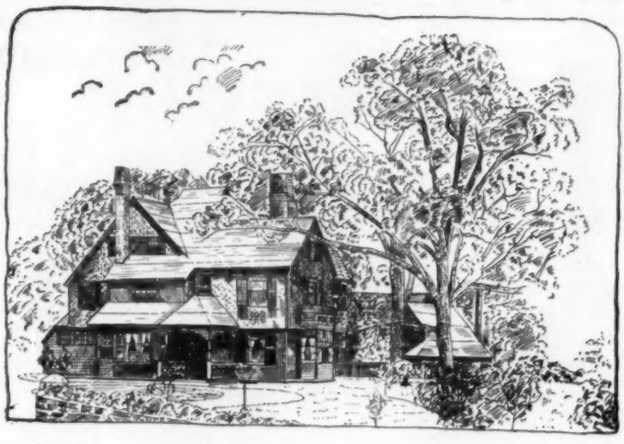

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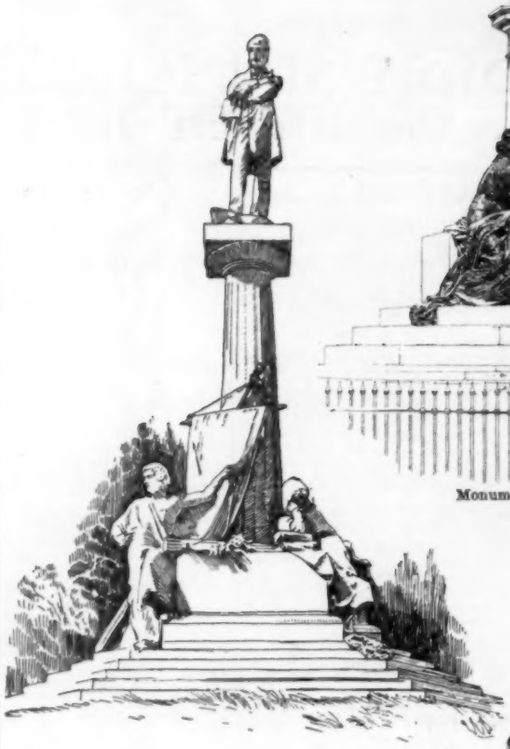

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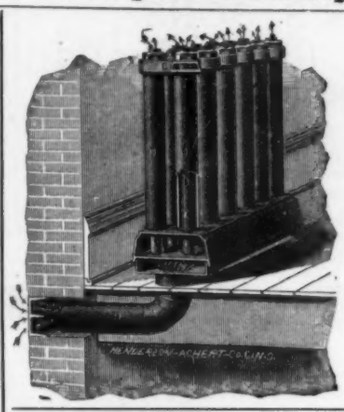

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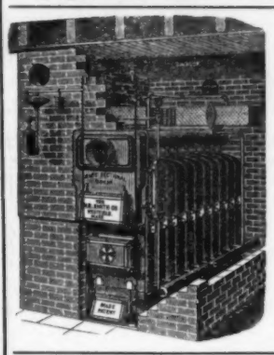

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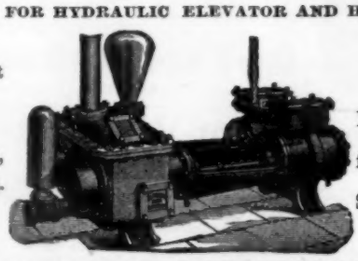

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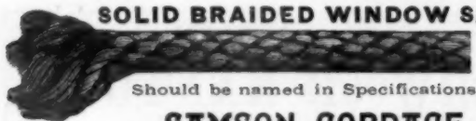

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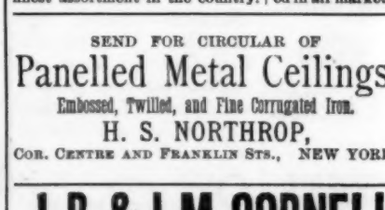

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New Advertisements.

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BRIGHAM & SILVEIRA (New York, N. Y.), Tiles. Page xiii.
P. G. CLARKE & SON (Oxford, N. Y.), Stone. Page xiii.

ONE OF OUR OLDEST ADVERTISERS.

We ask attention this week for the advertisement of Messrs. Clark, Bunnett & Co., on page iii. This establishment first placed an advertisement in this journal, May 6, 1876, and has kept it ever since that time before our readers. It is hard to know what to say in a few words about a firm and its goods whose reputation is world-wide.

PERSPECTIVE DRAWING.

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WANTED.

CATALOGUES. — Wanted catalogues, price-lists, samples, etc., of building materials and supplies. Address, Alderman & Lee, architects, Birmingham, Conn. 686

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GENERAL DRAUGHTSMAN. — A good, general draughtsman, with Eastern experience. Can give permanent position to the right man. Give experience and salary wanted. Address, F. E Kidder & John J. Humphreys, architects, Barth Block, Denver, Col. 686

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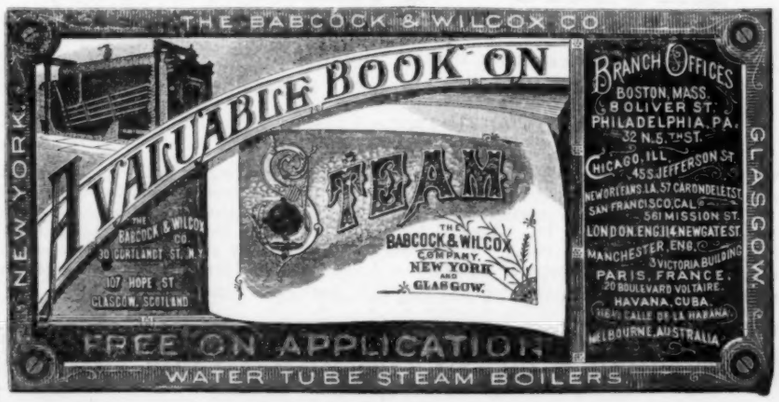

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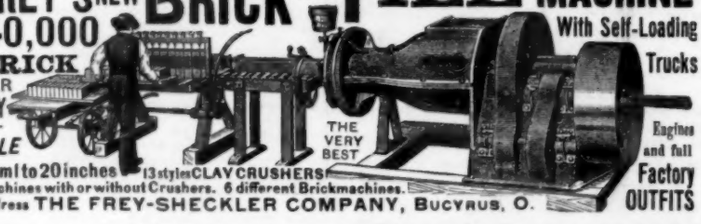

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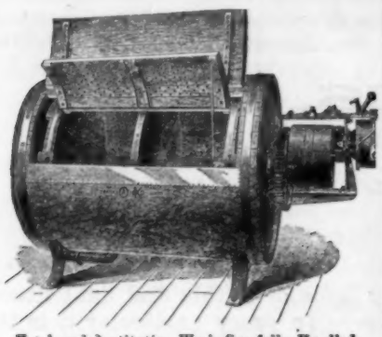

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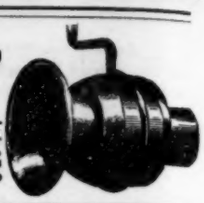

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Boston, Mass.—*Boylston St., No.* 14, Ward 10, alteration of brick dwell. by iron addition; owner, C. U. Cotting, Trus.; builders, E. Van Norton & Co.

Boylston St., No. 50, Ward 12, addition to brick building for offices, etc.; owners, J. P. Thorndike heirs; builders, C. A. Noyes & Co.

Washington St., Nos. 381-387, Ward 10, addition to mercantile and manufacturing building; owners, W. Sheafe *et als.*; builders, C. A. Noyes & Co.

Commercial St., Nos. 50-60, Ward 6, repair fire damage in brick building; owners, Weeks heirs; builder, B. D. Whitcomb.

Court St., Nos. 109-113, Ward 7, repair fire damage to museum; owner, Harriet M. Pitman; builder, J. McPherson.

Washington St., Nos. 525-527, Ward 10, remodelling brick mercantile building; owner, James S. Stone; builders, M. S. & G. N. Miller.

Fulton St., No. 46, cor. Ferry St., Nos. 2-10, Ward 6, remodelling mercantile building; owners, W. Underwood & Co.; builders, Whittier Machine Co.

Chatham St., Nos. 1-2, *Commercial St., Nos.* 10-16 *and South Market St., Nos.* 52-54, Ward 6, repair fire damage to brick mercantile building; owners, W. L. Edgerton, *et als.*, Trustees; builder, J. J. Shaw.

Tremont St., Nos. 565-569, *Montgomery St. and Union Park St.*, Ward 17, alterations to Hotel St. Cloud; owner, W. H. Allen; builder, H. M. Cox.

Braintree, Mass.—Addition to frame church, 47′ x 88′; to contain chapel, 45′ x 56′, two parlors and connecting rooms; for First Congregational Society; contract to be let; architect, Geo. F. Fuller, Boston.

Brooklyn, N. Y.—*South St., No.* 75, four-st'y brick office, extensively altered; cost, $4,000; owner, John W. Crusins, Hoboken, N. J.; architects, Marshall & Walter, 81 New St.

West Twenty-seventh St., Nos. 12-14, four-st'y brick flat, extensive internal alterations; cost, $5,000; owner, Solomon Loeb, 37 East Thirty-eighth St.; architect, De Lemos & Cordes, 146 Broadway.

BUILDING INTELLIGENCE.

Greenwich St., No. 63, *and Trinity Pl., No.* 24, four-st'y brick hotel, extension and interior changes; cost, $3,200; owner, Henry Morton estate, 266 Clinton St., Brooklyn, N. Y.; architect, Oswald Winz, 431 East Eighty-seventh St.

Eleventh Ave., four-st'y brick hotel, extension and extensive internal alterations; cost, $6,000; $6,000; owner, William Van Twisten, 570 West Forty-second St.; architects, Thom & Wilson, 1267 Broadway.

Henry St., No. 180, four-st'y brick tenement, extension and extensive internal alterations; cost, $10,000; owner, Harris Mandelbaum, 181 Henry St.; architects, Herter Bro., 191 Broadway.

East Broadway, No. 146, five-st'y brick tenement, repaired where damaged by fire; cost, $3,000; owner, Abraham Cohn, 273 Bowery; architect, George Palliser, 132 Park Ave.

Grand St., n w cor. Wooster St., five-st'y brick club-house, altered extensively in the interior; cost, $5,000; lessees, Merchants' Central Club, Grand and Wooster Sts.; architects, Constable Bros., 149 Broadway.

Seventh St., Nos. 304-306, one-st'y addition to main building and two stories to extension; cost, $3,000; owner, James Kiesman, 306 Seventh St.; architect, S. W. Davis.

Myrtle Ave., n e cor. Franklin Ave., repair damage by fire; cost, $4,000; owner, Jas. Ward, 781 Bedford Ave.; architect, S. Harbison; builders, G. Quinn and J. E. Williams.

Chicago, Ill.—B. Moech, four-st'y rear addition, State St.; cost, $3,000; architect, J. Huber.

J. M. Doggett, three-st'y addition, Wabash Ave.; cost, $3,000; architect, A. L. Schillinger.

L. J. McCormick, one-st'y addition, Ohio St.; cost, $25,000; architect, C. J. Warren.

Little Rock, Ark.—F. J. H. Rickon has prepared plans for remodelling the Deming House; cost, $9,000.

Minneapolis, Minn.—R. C. Kalkhoff, brick addition, 500-512 First Ave., s; cost, $3,000.

St. Louis, Mo.—Two adjacent two-st'y brick flats; cost, $7,000; owner, Louis Lang; architect and contractor, H. Ellerman.

Toledo, O.—Chamber of Commerce Building to be heightened two stories and have mansard roof; cost, $28,000; architects, Thomas & Rapp, Chicago, Ill., superintendence by Bacon & Huber.

APARTMENT-HOUSES.

Boston, Mass.—*Tremont St., Nos.* 329-331, Ward 11, five-st'y brick apartments, flat roof, 42′ x 63′; owner, S. F. Squires.

BUILDING INTELLIGENCE.

Marlborough St., Nos. 405-407, Ward 11, 2 six-st'y brick apartments, flat roofs, 27′ x 88; owner, E. B. Horn; builders, Keening & Strout Bros.

Cobb St., No. 23, Ward 16, four-st'y brick apartments, flat roof, 16′ 6″ x 53′; owner and builder, J. H. T. Adams.

Brooklyn, N. Y.—*Third Ave.*, w s, 25′ 8″ n Fiftieth St., 3 five-st'y brick flats, tin roofs; cost, $84,000; owner, George R. Read, 9 Pine St.; architect, Oswald Wirz, 431 East Eighty-seventh St.

Ludlow St., No. 65, five-st'y brick flat, tin roof; cost, $15,000; owner, Gouverneur Tillotson, 263 Fourth Ave.; architects, I. Bockell & Son, 54 Bond St.

Thirty-fourth St., n s, 75′ e Fifth Ave., five-st'y brick flat, tin roof; cost, $20,000; owner, John W. Haaren, 2369 Eighth Ave.; architect, John C. Burne, 1531 Third Ave.

Fifth Ave. e s, 25′ n One Hundred and Thirty-fourth St., 3 five-st'y brick flats, tin roofs; cost, $60,000; owner, John W. Haaren, 2369 Eighth Ave.; architect, John C. Burne, 1531 Third Ave.

Fifth Ave., n e cor. One Hundred and Thirty-fourth St., five-st'y brick flat, tin roof; cost, $25,000; owner, John W. Haaren, 3369 Eighth Ave.; architect, John C. Burne, 1531 Third Ave.

One Hundred and Twenty-fifth St., n s, com. 75′ e Eleventh Ave., 4 five-st'y brick flats, tin roofs; cost, $72,000; owner, John H. Wellwood, Williamsbridge, N. Y.; architect, Richard R. Davis, 301 West One Hundred and Thirty-third St.

Ninth Ave., n w cor. Eighty-ninth St., five-st'y brick flat, tin roof; cost, $45,000; owner, John Schuback, 9 Charles St.; architect George, B. Pelham, 1482 Broadway.

One Hundred and Fourth St., n s, 87′ w Ninth Ave., 2 five-st'y brick flats, tin roofs; cost, $20,000; owner, Philip Houseman, Blauveltville, N. Y.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

University Pl., n e cor. Ninth St., six-st'y flat with stores; owner, Henry Maillard; architect, Jas. E. Ware.

Henry St., No. 162, five-st'y store, terra-cotta and buff brick flat; cost, $25,000; owner, Bernard Harris; architects, Herter Bros.

One Hundred and Sixteenth St., s s, e Madison Ave., 5 five-st'y flats; cost, $80,000; owner, James Fettretch; architect, A. Spence.

Chicago, Ill.—A. Burke, two-st'y flats, West Van Buren St.; cost, $3,500; architect, A. Gubbings.

A. E. Erickson, two-st'y flats, West Ohio St.; cost, $3,500; architect, W. C. Karbach.

J. Gillan, 2 three-st'y flats, West Harrison St.; cost, $8,000; architect, P. J. Kellen.

J. Ryan, two-st'y flats, Wentworth Ave.; cost, $2,500; architect, H. Van Pelt.

H. Stener, two-st'y flats, Lowe Ave.; cost, $4,000; architect, B. W. Bargerbush.

V. Raisler, three-st'y flats, Nineteenth St.; cost, $4,000; architect, Weiser.

J. Sherman, three-st'y flats, Mohawk St.; cost, $3,000; architect, A Boos.

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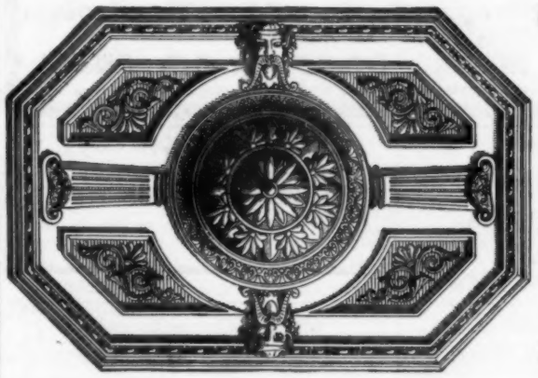

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BUILDING INTELLIGENCE.

M. Kunnen, three-st'y flats, Mohawk St.; cost, $3,500; architect, same as last.

A. Schindelarz, three-st'y flats, Allport Ave.; cost, $4,000; architect, J. Kivanek.

V. Havel, three-st'y flats, Allport Ave.; cost, $3,000; architect, same as last.

S. H. McCormick, three-st'y flats, Cottage Grove Ave.; cost, $12,000; architect, L. B. Townsend.

A. Robertson, three-st'y flats, Austin Ave.; cost, $3,500; architect, C. E. Lohman.

F. Krueger, owner and architect, two-st'y flats, Hastings St.

J. Rutlidge, 5 three-st'y flats, West Randolph St.; cost, $28,000; architect, C. C. Miller.

A. Gallagher, three-st'y flats, Centre Ave.; cost, $5,000; architect, J. Lapointe.

A. Jauda, three-st'y flats, West Nineteenth St.; cost, $3,600; architect, A. Charat.

F. Lang, three-st'y flats, Sedgwick St.; cost, $4,000; architect, P. F. Werges.

J. L. Campbell, 20 three-st'y flats, West Twelfth St.; cost, $120,000; architect, C. A. Weary.

T. Olson, three-st'y flats, North Curtis St.; cost, $4,500; architects, Lutken & Thiesien.

Mrs. E. P. Clark, two-st'y flats, Centre Ave.; cost, $4,000; architect, H. Grosser.

F. Blohm, three-st'y flats, Burling St.; cost, $4,000; architect, J. Shuner.

F. W. McFarland, two-st'y flats, Paulina St.; cost, $3,500; architect, C. A. Weary.

H. D. Smith, two-st'y flats, Park Ave.; cost, $3,500; architect, E. Lehman.

L. H. Hartman, 2 three-st'y flats, Twenty-fourth St.; cost, $15,000; architect, G. Frank.

Jamaica Plain, Mass.—*Pond St.*, near Centre St., three-st'y frame apartments, 49′ x 55′; cost, abt. $10,000; owners, R. W. & F. S. Pratt; builder, B. P. Walker; architects, Daniel Appleton and H. M. Stephenson, Boston.

New York, N. Y.—*Rivington St., Nos.* 260-262, 2 five-st'y brick flats, tin roofs; cost, $30,900; owner, Wm. Sternkopf, 96 Suffolk St.; architect, Wm. Graul, 215 Bowery.

Orchard St., No. 188, five-st'y brick flat, tin roof; cost, $18,000; owners, Chas. & Aug. Ruff, 48 Norfolk St.; architects, Berger & Baylies, 52 Bible House.

Greenwich St., e s, 44′ s Charles St., five-st'y brick flat, tin roof; cost, $18,000; owner, Alice McCormack, 172 East One Hundred and Twenty-eighth St.; architect, I. H. Valentine, 58 Liberty St.

Madison Ave., s e cor. One Hundred and Eleventh St., 2 five-st'y brick flats, tin roofs; cost, $33,000; owner, John Hickey, 1799 Lexington Ave.; architect, Edward Wenz, 1491 Third Ave.

BUILDING INTELLIGENCE.

Boulevard, n w cor. Seventy-seventh St., 4 five-st'y brick flats, tin roofs; cost, $79,000; owner, Selig Steinhardt, 650 Madison Ave.; architects, A. B. Ogden & Son, 1031 Madison Ave.

One Hundred and First St., n w cor. Ninth Ave., five-st'y brick flat, tin roof; cost, $23,000; owners, Burchell & Hodges, 206 East Fifty-sixth St.; architects, Rentz & Lang, 153 Fourth Ave.

First Ave., Nos. 1689-1691, five-st'y brick flat, tin roof; cost, $28,000; owner, S. B. H. Judah estate, 55 Broadway; architects, D. & J. Jardin, 1262 Broadway.

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West Eleventh St., Nos. 27-29, buff brick, terra-cotta and stone flat; cost, $40,000; owners, Stern & Weinstein; architects, Herter Bros.

East Seventy-fifth St., No. 339, five-st'y brick flat, tin roof; cost, $18,000; owner, Maria Masche, 688 East One Hundred and Sixty-fourth St.; architect, John C. Burne, 1531 Third Ave.

Orchard St., No. 198, five-st'y brick flat, tin roof; cost, $15,000; owners, Aug. & Chas. Ruff, 48 Norfolk St.; architects, Schneider & Herter, 48 Bible House.

Orchard St., No. 200, five-st'y brick flat, tin roof; cost, $23,000; owners, Aug. & Chas. Ruff, 48 Norfolk St.; architects, Schneider & Herter, 48 Bible House.

West Fifty-third St., Nos. 360-362, 2 five-st'y brick flats, tin roofs; cost, $40,000; owners, Jno. & David Dunn, 162 West Eighty-fifth St.; architect, F. A. Minuth, 822 Broadway.

Eighty-third St., n s, 98′ e Avenue A, 3 five-st'y brick flats, tin roofs; cost, $128,000; owners, Schreiner Bro., 295 Mott St.; architects, Brandt & Co., 1491 Third Ave.

Willis Ave., s w cor. One Hundred and Forty-fourth St., five-st'y brick flats, tin roof; cost, $73,000; owner, Jane Browning, 1091 Third Ave.; architects, A. B. Ogden & Son, 1031 Madison Ave.

One Hundred and Forty-fourth St., s s, 84′ w Willis Ave., five-st'y brick flat, tin roof; cost, $18,000; owner, Jane Browning, 1091 Third Ave.; architects, A. B. Ogden & Son, 1031 Madison Ave.

CHURCHES.

Brooklyn, N. Y.—*Wyona St.*, w s, 82′ s Glenmore Ave., one-st'y frame church and school, tin roof; cost, $4,000; owners, Deutche Evan. Luth. St Paulus Gemente; President, W. Schneider, Snediker Ave.; builder, C. Rocker; architect, C. Infanger.

New York, N. Y.—*Grand Boulevard*, s w cor. Seventy-third St., the Rutgers Riverside Presbyterian Church, stone edifice; cost, abt. $100,000; architect, R. H. Robertson.

FACTORIES.

Brooklyn, N. Y.—*Clay St.*, s e cor. Oakland St., three-st'y brick nail factory, gravel roof; cost, $8,500; owner, John Hassell, 153 Elizabeth St., New York; architect, J. Woodruff; builders, J. Renz and T. Keppel.

Chicago, Ill.—E. H. Wachs, two-st'y factory, Indiana St.; cost, $4,000; architects, T. Karls.

J. P. Altgeld, five-st'y factory, cor. Huron St.; cost, $60,000; architect, W. Strippelman.

Detroit, Mich.—Hutchings's Car Roofing Manufactory, one-st'y building, 106 Livernoise Ave.; cost, $5,000.

Providence, R. I.—*Plain St.*, e s, bet. Wyatt and Briggs St., two-st'y frame chain manufactory; owner, Thomas Wyatt.

HOUSES.

Boston, Mass.—*Nonantum St.*, near Oak Sq., Ward 25, frame dwell., 21′ x 29′; owners, J. & A. Curley; builder, A. Frazer.

Bourne St., near Walk Hill St., Ward 23, frame dwell., 20′ x 34′; owner, Michael Quinn; builder, D. Johnson.

Wyman St., near Centre St., Ward 23, frame dwell., 25′ x 50′; owner, W. Ripley; builder, V. Bock.

Tuttle Ave., near Hartland St., Ward 24, frame dwell., 25′ x 42′; owner, W. Deids; builder, P. Schneider.

Chelsea St., Nos. 206-210, Ward 1, 3 three-st'y brick dwells., flat roofs, 20′ x 33′; owner and builder, Frank Finn.

Warren St., cor. Sabin St., Ward 21, four-st'y frame dwell. and store, flat roof, 45′ x 45′ 6; owner and builder, A. A. Meyer.

Warren St., near Savin St., Ward 21, frame dwell. and store, flat roof, 31′ 6″ x 45′; owner and builder, A. A. Meyer.

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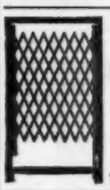

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BUILDING INTELLIGENCE.

Argyle St., near Dorchester Ave., Ward 24, frame dwell., 25′ 6″ x 44′; owner, Mrs. E. H. Viancour; builder, E. P. Viancour.

Spruce St., cor. Meyer St., Ward 23, frame dwell., 20′ x 36′; owner and builder, James Carson.

Clifton St., cor. Hudson St., Ward 20, 2 three-st'y frame dwells., pitch roofs, 24′ x 51′; owner, G. L. Gilmore.

Whitfield St., near Wheatland Ave., Ward 24, 2 four-st'y frame dwells., 25′ x 39′, flat roof; owner, T. F. Scanlan; builder, A. C. Laws.

Unnamed St., from Highland St., Ward 1, three-st'y frame dwell., 25′ 6″ x 41′; owner and builder, W. McDonald.

Humbold Ave., cor. Waumbeck St., Ward 21, frame dwell., 37′ 6″ x 42′; owner, Cheever Newhall; builder, J. McDowell.

Colman St., near Dorchester Ave., Ward 24, frame dwell., 22′ x 40′; owner, James Reid.

Holborn St., near Blue Hill Ave., Ward 21, three-st'y frame dwell., pitch roof, 30′ x 35′ 6″; owner and builder, R. Gallagher.

Shawmut Ave., No. 794, Ward 19, three-st'y frame dwell., flat roof, 25′ x 54′ 3″; owner, R. S. Hamilton; builder, J. Philbrick.

Hazlewood St., No. 6, Ward 21, three-st'y frame dwell., 23′ x 47′; owner, Alden Frink; builder, C. H. Blodgett.

Park St., near Adams St., Ward 24, frame dwell., 22′ x 29′; owner, Katherine Bartley; builder, W. J. Jobling.

Ballard Pl., near Ballard St., Ward 23, frame dwell., 23′ x 29′; owner, P. J. Keefe; builder, John Gately.

J. A. Andrew St., near Carolina Ave., Ward 23, frame dwell., 26′ 32′; owner, R. D. Barrows; builder, M. A. Blanchard.

Lamartine St., near Roys St., Ward 23, three-st'y frame dwell., pitch roof, 25′ x 40′; owner, F. J. Dove; builder, P. Schuyler.

Chickatawbut St., near Neponset Ave., Ward 24, frame dwell., 24′ x 28′; owner and builder, J. W. Whitaker.

Mechanic St., near Brighton Ave., Ward 25, 3 two-st'y frame dwells., flat roofs, 20′ x 80′; owner, Samuel Ham; builder, R. H. Collapy.

Central Ave., ext., opp. Temple Pl., Ward 24, frame dwell., 25′ x 46′; owner and builder, E. Lalley.

Washington St., w s, near Allston St., Ward 25, frame dwell., 20′ x 43′; owner, James Killion; builder, A. W. Gilson.

Brighton, Mass.—*Winship St.*, two-st'y frame dwell., 28′ x 30′; owner and builder, D. M. O'Connell; architect, Geo. F. Fuller, Boston.

Chicago, Ill.—R. W. Cox, three-st'y dwell., Astor St.; cost, $8,000; architect, W. L. B. Jenney.

Jones & McKillip, 2 two-st'y dwells., Central Park Ave.; cost, $3,000; architect, C. McAfee.

Minneapolis, Minn.—W. P. Smith, frame dwell., Lindley Ave. and West Twenty-seventh St.; cost, $3,500.

Olson Bros., frame dwell., Ninth Ave., s, bet. Thirty-third and Thirty-fourth Sts.; cost, $4,000.

J. W. Higby, frame dwell., 3313 Girard Ave.; cost, $3,500.

J. A. Peterson, frame dwell., Thirty-third St., near Lindley Ave.; cost, $3,500.

S. Wallace, brick dwell., Lindley Ave. and Twenty-seventh St.; cost, $7,000.

D. Mahoney, frame dwell., Garfield Ave., bet. Twenty-fourth and Twenty-fifth Sts.; cost, $7,500.

A. G. Hanson, frame dwell., Twenty-fourth St. and Twenty-sixth Ave., s; cost, $4,200.

C. Rhone, frame dwell., Tenth Ave., s, and Thirty-third St.; cost, $7,000.

G. M. McGregor, ten frame dwells.; cost, $18,000.

T. P. Healey, frame dwell., Second Ave., s, and Third St.; cost, $6,000.

J. Thornhill, frame dwell., Thirty-fifth St. and Hennipen Ave.; cost, $3,200.

New York, N. Y.—*Eighty-ninth St.*, n s, 82′ e Park Ave., 6 three-st'y brick dwells., tin roofs; cost, $72,000; owner, Frank E. Wise, 14 East Eighty-seventh St.; architect, G. A. Schellinger, 128 Broadway.

One Hundred and Forty-second St., n s, 175′ e Eleventh Ave., 2 three-st'y brick dwells., tin roofs; cost, $16,000; owners, Wm. & Andrew Gamble, 412 West Thirty-fourth St.; architects, C. Abbott French & Co., Fifty-seventh St. and Seventh Ave.

West Seventeenth St., No. 46, five-st'y brick dwell., tin roof; cost, $20,000; owner, Walter Fergurson, 11 Pine St.; architect, Henry M. Congdon, 111 Broadway.

Eighty-seventh St., n s, 225′ w West End Ave., 5 three-st'y brick dwells., tin roofs; cost, $65,000; owners, Jno. & David Dunn, 162 West One Hundred and Eighty-fifth St.; architect, F. A. Minuth, 822 Broadway.

Philadelphia, Pa.—*Dutton St.*, s s, e Eberle St., 2 two-st'y brick dwells.; owner, Henry Davenport, Somerville, Pa.

Thirty-sixth St., cor. Haverford Ave., two-st'y back building; owner, Mary Good.

Charter St., No. 3133, three-st'y back building; contractor and builder, Thomas Lindsey, 2008 East Cumberland St.

Emerald St., e s, ab. Clementine St., 5 two-st'y brick dwells.; builder, Charles Roth, West Huntingdon St.

Clearfield St., n s, w Sixteenth St., 5 two-st'y brick dwells.; builder, A. Ormiston, 1612 North Nineteenth St.

North Twenty-seventh St., No. 1641, two-st'y brick dwell.; owner, Thomas Smith, 1629 North Twenty-seventh St.

Weikel St., s Venango St., two-st'y brick dwell. with overhanging bath; owner, William H. McKinney, Witte St., ab. Venango St.

Cox St., e s, n Somerset St., 61 two-st'y dwells.; owner, J. W. Smaltz, 1545 Hutchinson St.

Erwin St., s s, e Fifty-second St., 2 two-st'y brick dwells.; owners, Schollhoffer & Hestler, 52 Locust St.

Vincent St., cor. Adams St., 6 two-st'y brick dwells.; owner, Thomas Hagerty, 104 Adams St.

Ferdinand St., e Sumac St., three-st'y brick dwell.; owner, Alfred Harmer, Sumac St., near Wissahickon Sts.

Fifty-seventh St., e s, n Vine St., three-st'y and two-st'y brick dwell.; owner, Henry C. Copper, 331 North Fifty-seventh St.

Seventh St., w s, ab. Chestnut St., four-st'y brick and iron building; owner, John R. Wiggins, 2509 North College Ave.

Chelten Ave., w s, ab. Chew St., three-st'y brick dwell.; owner, Henry Davenport, Eberle St., Ward 27.

Hermit St., s Westmoreland St., 9 two-st'y dwells.; owner, John Mitchell, 807 West Lehigh Ave.

Snyder Ave., n s, w Twelfth St., 11 two-st'y dwells.; owner, Daniel Fitzpatrick, 812 Passyunk Ave.

Whitmer St., s s, w Twelfth St., 12 two-st'y dwells.; owner, Daniel Fitzpatrick, 812 Passyunk Ave.

Gaul St., w s, s Allegheny St., two-st'y dwell.; owners, Dairelson & Schuyler, 1347 North Sixth St.

New St., bet. Saybrook and Paschall Sts., 10 two-st'y brick dwells.; owner, Isaac Brook, 4001 Saybrook Ave.

Albert St., No. 1207, three-st'y dwell.; contractors, Du Ross & Welsh, 756 Broad St.

Turner St., w s, bel. Venango St., 4 two-st'y brick dwells; contractor, Job Ruby, 517 Venango St.

Providence, R. I.—*Metcalf St.*, w s, frame dwell.; cost, $2,200; owner, Patrick Conley; builder, Daniel Leddy.

Jackson Ave., n w cor. Beckwith St., frame dwell.; cost, $1,500; owner, Felix St. Jacques.

St. Louis, Mo.—Two-st'y brick dwell.; cost, $3,000; owner, J. C. Newberry.

Two-st'y brick dwell.; cost, $2,500; owner, J. C. Newberry.

Two-st'y brick dwell.; cost, 2,800; owner, L. Knipping; contractor, J. B. Westermeyer.

Two-st'y brick dwell.; cost, $3,200; owner and architect, Jos. Kelly.

Two two-st'y brick dwells.; cost, each, $2,500; owner, Miss E. Evans; architect and contractor, L. J. Evans.

Two-st'y brick dwell.; cost, $4,000; owner, J. H. Long; contractor, C. C. Newberry.

Two adjoining two-st'y brick dwells; cost, each, $2,500; owners, Miss O. Glitz and H. Doanst; architect and contractor, Thos. Marley.

Two adjoining two-st'y and mansard brick dwells.; cost, $4,400; owner, G. Frickant; contractors, W. Reeve & Son.

Two-st'y brick dwell.; cost, $4,000; owner, H. Feuerback.

Three adjoining two-st'y brick dwells.; cost, $7,-

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000; owner, Wm. H. Krueger; contractors, Wanhoff & Keneul.

Two-st'y brick dwell.; cost, $7,000; owner, A. H. Fuller; architects, Eames & Young; contractors, Kerr & Allen.

Two-st'y and mansard dwell; cost, $15,000; owner, Jos. D. Lucas; architect, J. G. Cairns.

Three adjoining two-st'y dwells.; cost, $8,000; owners, St. Louis Wrecking Co.; architect, J. B. Legg.

Two-st'y and mansard brick dwell.; cost, $10,000; owner, H. N. Davis; architects, Grabel & Weber; contractors, Goesse & Remmers.

Two-st'y brick dwell.; cost, $2,500; owner, Mrs. M. Quinn; architect and contractor, F. F. Marley.

Four adjacent two-and-one-half-st'y brick dwells.; cost, $12,000; owner and contractor, Abner Cooper; architect, Chas. Aradt.

Two-st'y brick dwell.; cost, $3,900; owner, Mrs. Kate McDonagh; architect, W. H. Foster; contractor, W. H. Clemens.

Two-st'y brick dwell.; cost, $3,500; owner, Jno. F. Kollmann.

Two-st'y brick dwell.; cost, $4,000; owner, Mrs. Mary Boemler; architect, Chas. Boemler; sub-let.

Toledo, O.—*Jefferson and Twenty-second Sts.*, frame dwell.; cost, abt. $4,500; owner, T. D. Parker; architects, Bacon & Huber; builder, Carl Schmuhl.

Robinwood Ave., frame dwell.; cost, abt. $5,000; owner, J. W. Marshall; architects, Bacon & Huber; builder, Richard Hattersley.

Lincoln St., frame dwell.; cost, abt. $3,500; owner, M. A. Scott; architects, Bacon & Huber; contract not yet awarded.

PUBLIC BUILDINGS.

Camden, Ark.—A $30,000 court-house will be built for Onachita County, Ark.

SCHOOL-HOUSES.

Toledo, O.—*Sherman St.*, three-st'y brick and stone public school annex; cost, abt. $12,000; architect, H. Conrad, Superintendent of School-buildings.

STABLES.

Nantucket, Mass.—Stone and frame stable, 42' 6" x 120', with a tower and modern fittings and furnishings; mason work to be done by Boston parties; owner, R. Gardner Chase, Boston; architects, Cummings & Sears, Boston.

New York, N. Y.—*One Hundred and Fifty-third St.*, s s, 375' w Tenth Ave., two-st'y brick stable, tin roof; cost, $7,500; owner, George E. Weed, 861 St. Nicholas Ave.; architect, J. Boekell & Son, 54 Bond St.

East Seventy-fifth St., No. 429, rear, two-st'y brick stable; cost, $8,000; owner, Percy Rockwell; architects, Schneider & Herter.

St. Louis, Mo.—Two-st'y brick stable; cost, $2,500; owner, S. M. Bayless; architect, Alex. Cameron; contractor, W. H. Clemens.

STORES.

Boston, Mass.—*Washington St., Nos.* 1280-1282, four-st'y brick and stone mercantile building, 24' 9" x 100'; owner, H. W. Suter, Trustee; architects, Daniel Appleton and H. M. Stephenson; builders: M. S. & G. N. Miller, masons; John Y. Mainland, carpenter.

Brooklyn, N. Y.—*Vanderbilt Ave.*, e s, 25' s Pacific St., four-st'y brick store and tenement, tin roof; cost, $5,000; owner, Nils Pearson, 565 Vanderbilt Ave.; architect, J. W. Bailey; builder, not selected.

BUILDING INTELLIGENCE.

Fulton St., s s, 225' e Buffalo Ave., three-st'y frame (brick-filled) store and tenement, tin roof; cost, $5,000; owner, Casper Keez, Utica Ave., cor. Bergen St.; builder, J. Dhuy.

Broadway, e s, 40' n Greene Ave., 2 one-st'y frame (brick-filled) stores and dwells., tin roofs; cost, each, $275; owner and builder, H. Grasman, 364 Vernon Ave.; architect, H. Vollweiler.

Hamilton Ave., n w cor. Court St., 2 four-st'y brick stores and tenements, tin roofs; total cost, $16,000; owner, Mary E. Lynch, 236 St. Johns Pl.; architect, J. McLean.

Smith St., No. 270, four-st'y brick store and tenement, tin roof; cost, $9,000; owner, George Arbogast, 278 Smith St.; architects, M. Freeman & Sons; builders, J. C. Carlin and M. Freeman's Sons.

Fourth Ave., s e cor. Butler St., and Fourth Ave., n e cor. Douglass St., 2 four-st'y brick stores and tenements, tin roofs; cost, each, $7,500; owner, John M. O'Neil, 460 Warren St.; architect, J. W. Bailey; builder, not selected.

Chicago, Ill.—Mrs. M. Colby, one-st'y store, Lake St.; cost, $4,000; architect, J. L. Hall.

Minneapolis, Minn.—Klarquist Bros., brick store, Lake St. and Third Ave., s; cost, $7,500.

J. Newgood, brick store, Washington and Twentieth Aves.; cost, $5,000.

G. A. Campbell, three-st'y frame store and flat, Harrison St. and Twenty-fifth Ave., n e; cost, $14,000.

C. Babcock, brick store, Sixth St., bet. Hennipen and Nicollet Aves.; cost, $3,000.

New York, N. Y.—*Eighty-sixth St.*, s s, 100' w Third Ave., three-st'y brick store, tin roof; cost, $15,000; owner, Francis Lahey, 162 East Seventy-eighth St.; architect, F. T. Camp, 60 Liberty St.

Worth St., n w cor. Centre St., six-st'y brick store, tin roof; cost, $35,000; owners, Trustees of Lorillard Spencer, 3 Mercer St.; architects, John B. Snook & Son, 12 Chamber St.

St. Louis, Mo.—Remodel five-st'y brick store; cost, $15,000; owners, N. Nugent & Bro.; architects, Tully & Clark; sub-let.

Two-st'y brick store and rooms; cost, $2,700; owner, Jas. Holpin; contractors, Chapman & Thursby.

TENEMENT-HOUSES.

Brooklyn, N. Y.—*Wyckoff Ave.*, e s, 75' n Linden St., three-st'y frame (brick-filled) tenement, tin roof; cost, $4,500; owner, Charles Buss, 260 Ellery St.; architects, D. Acker & Son.

Heyward St., s s, 80' e Harrison Ave., 2 four-st'y frame (brick-filled) tenements, tin roofs; cost, $5,500; owner, Hugh Fehling, 589 Flushing Ave.; architect, J. Platte.

Varet St., Nos. 68-70, s s, 100' e Graham Ave., 2 four-st'y frame (brick-filled) tenements, tin roofs; cost, $4,000; owner and builder, Chas. Engert, 182 Montrose Ave.; architect, F. J. Berlenbach, Jr.

Liberty Ave., n w cor. Cleveland St., 2 three-st'y frame (brick-filled) tenements, tin roofs; cost, each, $8,500; owner and builder, Jno. Reisert, 47 Jay St.; architect, Th. Engelhardt.

Bushwick Ave., w s, 135' s Ivy St., three-st'y frame (brick-filled) tenement, tin roof; cost, $5,000; owner and builder, Regina Laubenheimer, 154 Wythe Ave.; architect, Th. Engelhardt.

Beaver St., e s, 140' s Flushing Ave., three-st'y frame tenement, tin roof; cost, $3,300; owner and builder, John Schneider, 834 Flushing Ave.; architect, H. Vollweiler.

BUILDING INTELLIGENCE.

Flushing Ave., s s, 162' e Beaver St., three-st'y frame (brick-filled) tenement, tin roof; cost, $4,500; owner and builder, John Schneider, 834 Flushing Ave.; architect, H. Vollweiler.

North Eighth St., s s, 225' w Wythe Ave., three-st'y frame tenement, tin roof; cost, $3,500; owner and builder, L. Schnibbe, Berry St., cor. North Tenth St.

St. Louis, Mo.—Two-st'y brick tenement; cost, $4,200; owner, Jas. Derneck; contractor, F. Mueller.

MISCELLANEOUS.

Brooklyn, N. Y.—*Myrtle Ave., No.* 84, s s, 165' w Hamburg Ave., one-st'y brick ice machine-building, tin roof; cost, $1,000; owners, Meltzer Bros., 84 Suydam St.; architects, Consolidated Ice Machine Co.; builders, G. Lehrian's Sons.

Detroit, Mich.—Detroit Stave & Heading Works, frame building, 808 Clark Ave.; cost, $8,000.

John Begrin & Son, brick bakery, 746 Hastings St.; cost, $2,500.

Lawrence, Mass.—The Merchants' National Bank are to build a three-st'y brownstone and face-brick banking-house and office-building; cost, bet. $15,000 and $20,000; architects, Gray & Fitch; the building will be built in the spring.

Minneapolis, Minn.—J. B. Basset & Co., stone engine-house, First Ave., near Fifth Ave., s; cost, $5,000.

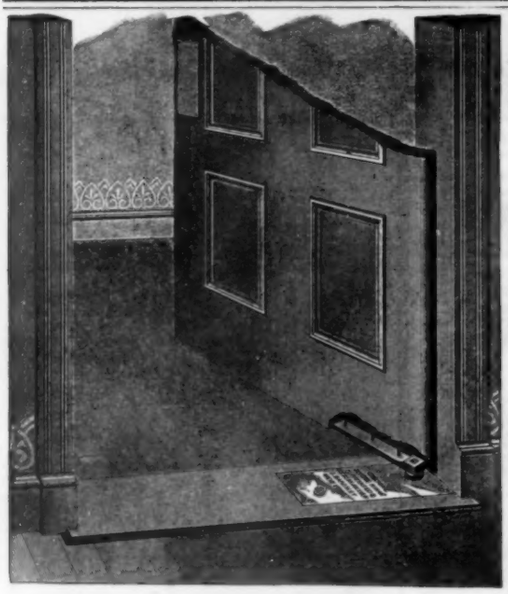
COMPETITION.

$100 PRIZE OFFERED.—A prize of one hundred dollars is hereby offered for the best perspective drawing of model exposition grounds, showing therein a memorial hall, main, machinery, agricultural, live-stock and poultry buildings, race-track, grand stand, etc. The award will be made by a competent committee, and the prize promptly paid. All drawings must be received not later than March 15, 1889, and send to JNO. T. DICKINSON, Secretary International Fair Association, San Antonio, Tex.

PROPOSALS.

February 12, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 28th day of February, 1889, for the labor and materials required in the erection and completion of the United States Post-Office, etc., building at Ottumwa, Iowa, except post-office screen, heating-apparatus and approaches, in accordance with the specification and drawings, copies of which may be seen at this office; the office of the Superintendent; the Builders' Exchanges at Baltimore, Md.; Cincinnati, O.; Detroit, Mich.; Indianapolis, Ind., and Wichita, Kan., and the Builders' and Traders' Exchanges at Chicago, Ill.; Kansas City, Mo., and Milwaukee, Wis. Each bid must be accompanied by a certified check for $500. The Supervising Architect will furnish a limited number of copies of the specification and drawings at $3 a set, upon receipt of that sum in post-office money-order, drawn to the order of the Treasurer of the United States. WILL. A. FRERET, Supervising Architect. 686

February 12th, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 9th day of March, 1889, for the labor and materials required in the erection and completion of the United States Post-Office, Court-House, etc., at Troy, N. Y., including approaches, etc. (general excavation for building, and the heating-apparatus not included), in accordance with the specification and drawings, copies of which may be seen at this office; the office of the Superintendent; Master Builders' Exchange at Albany, N. Y.; the Mechanics' and Traders' Exchange, New York City; the Builders' Exchange, Rochester, N. Y.; and the Builders' and Traders' Exchange, Chicago, Ill. Each bid must be accompanied by a certified check for $500. The Supervising Architect will furnish a limited number of copies of the specification and drawings, at $5 a set, upon receipt of that sum in post-office money-order, drawn to the order of the Treasurer of the United States. WILL. A. FRERET, Supervising Architect. 686



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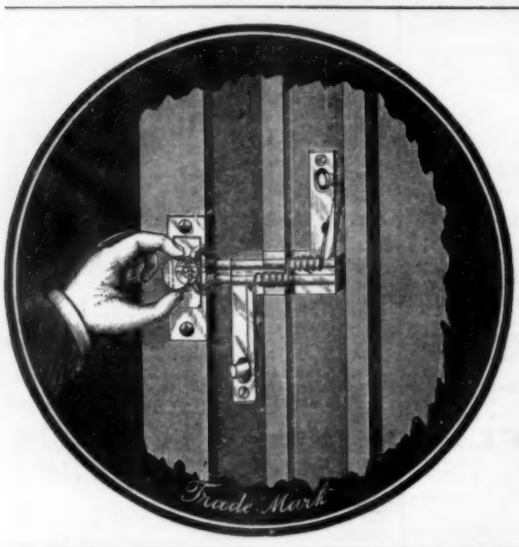

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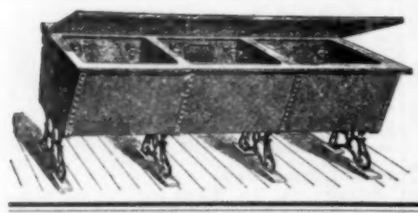

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PROPOSALS.

TO IRON MANUFACTURERS. Office of the Light-House Engineer, Third District, Tompkinsville, N. Y., February 1, 1889. Proposals will be received at this office until 12 o'clock, noon, of Tuesday, the 21st day of February, 1889, for furnishing the materials and labor of all kinds necessary for the construction, completion and delivery of the Stonington Breakwater Light-Station, Connecticut. Plans, specifications, forms of proposal and other information may be obtained on application to this office. The right is reserved to reject any or all bids, and to waive any defects. D. P. HEAP, Major of Engineers, U. S. Army, Engineer Third Light-House District. 686

Office of the United States Light-House Engineer, First and Second Districts, Post-Office Building, Room 142, Post-Office Box 168, Boston, Mass., 12th February, 1889. Proposals for cement. Proposals for furnishing and delivering 4,400 barrels of Portland cement, will be received at this office until 12 o'clock, noon, Saturday, 2d March, 1889. Specifications and blank forms of proposal will be furnished on application at this office, or by letter addressed to Post-Office Box 168, Boston, Mass. The right is reserved to reject any or all bids, and to waive any defects. W. S. STANTON, Major of Engineers, United States Army, Engineer First and Second Light-House Districts. 686

PROPOSALS.

MINERS' HOSPITAL. [At Hazleton, Pa.]

Proposals will be received **up to March 1, 1889**, for the erection of a miners' hospital at Hazleton, Pa.

Plans and specifications can be seen by applying to Jas. E. Roderick, Esq., Markles Block, Hazleton, Pa.

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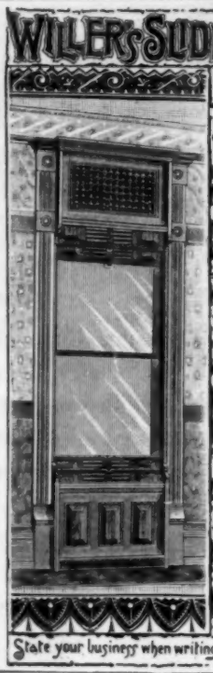

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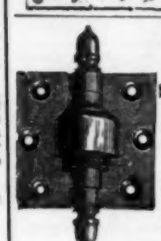

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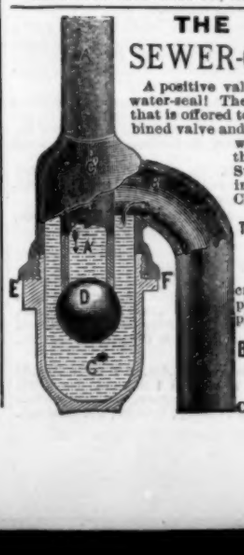

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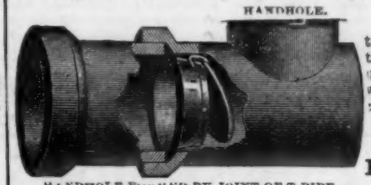

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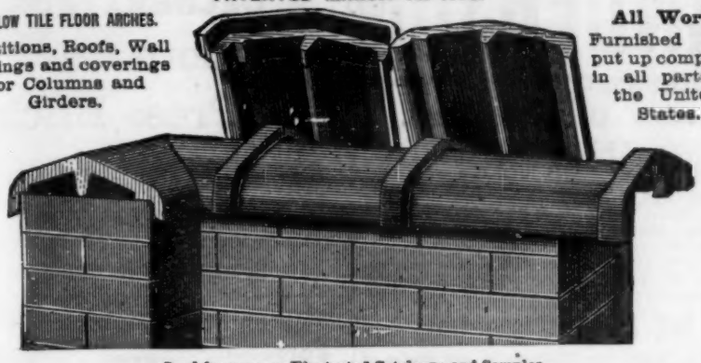

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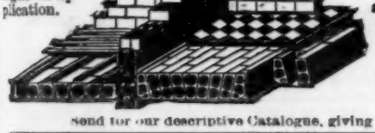

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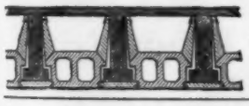

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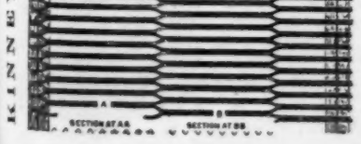

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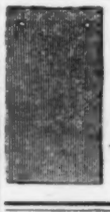

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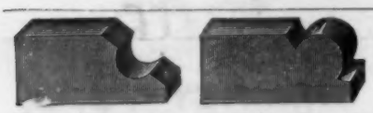

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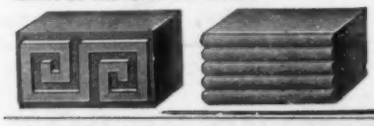

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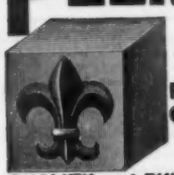

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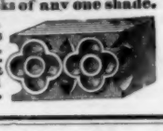

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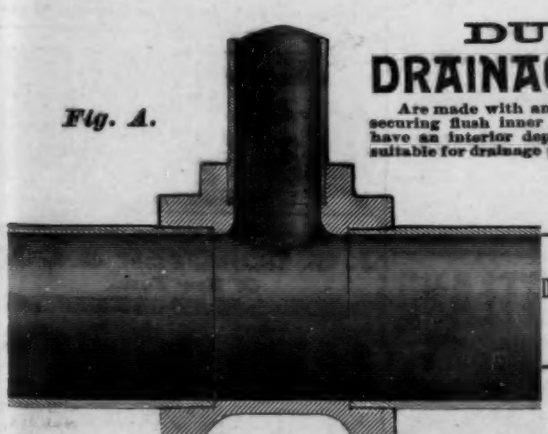

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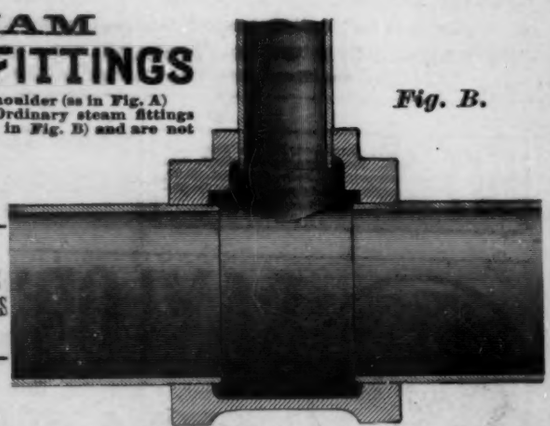
Fig. B.



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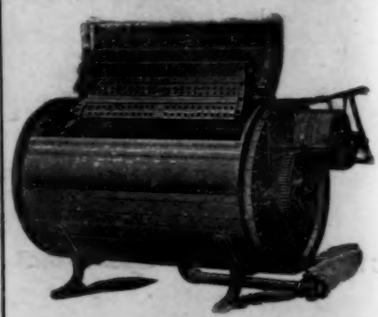

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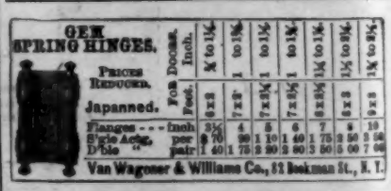

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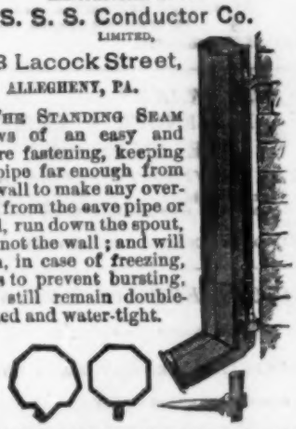

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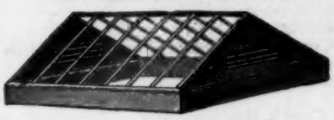

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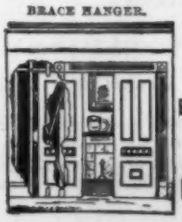

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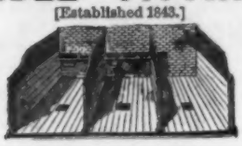

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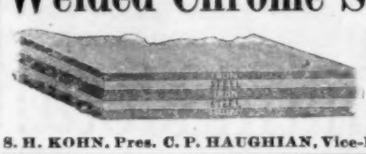
We therefore call special attention to the existence of these imitations and to the fact that our machinery is conspicuously marked with our trade name, the use of which by any other manufacturer is unauthorized and illegal.
HENRY R. WORTHINGTON.

Welded Chrome Steel and Iron. (5 ply).



FOR SAFES, VAULTS, JAILS, ETC.
Positively Burglar-proof, cannot be Cut, Sawed, or Drilled,
Chrome Steel Works, Sole Manufacturers,
S. H. KOHN, Pres. C. P. HAUGHIAN, Vice-Pres. BROOKLYN, NEW YORK.

BUILDING MATERIALS.

Reported for the American Architect and Building News.

	New York. (Wholesale Prices.)	Boston.	Chicago. (Prices to Builders and Contractors.)	Philadelphia.
BRICK. — ₱ M.				
Common: *Cargo afloat.*				
Pale	3 50 @ $4 00	Eastern 8 00 @ 8 50	Building Brick 5 50 @ 6 50	Sq. Hard @ 12 00
Jersey	6 50 @ 7 50			" @ 12 00
Long Island	7 50 @ 8 00	Bay State Hard 9 50		Salmon @ 7 00
Up River	@			Sq. " @ 9 00
Haverstraw Bay 2nd .... } none.	@	Domestic Com. 9 00 @ 9 50	Indiana Pressed 16 00 @ 22 00	Light Stretchers @ 12 00
" 1st .... }	@	Domestic Face 18 00 @ 20 00	St. Louis Fronts @ 27 00	Medium " @ 14 00
Hollow	@ 13 00	Philadelphia 40 00 @ 45 00		Red " @ 15 00
Fronts		Phila. mould 50 00 @ 80 00		Dark " @ 15 00
Croton, Brown	14 00 @ 15 00		18 00 @ 27 00	Pressed 22 00 @ 25 00
" dark	15 00 @ 16 00		65 00 @ 350 00	Best Paving @ 16 00
" red	15 00 @ 16 00		@ 55 00	Second " @ 14 00
Chicago pressed (Anderson)			45 00 @ 50 00	Third " @ 13 00
Chicago Moulded (Anderson)			45 00 @	
Baltimore	37 00 @ 41 00		25 00 @	
Philadelphia	27 00 @ 28 00	Glens Falls Mould. 30 00 @ 35 00	60 00 @ 100 00	
Trenton	@ 27 00	35 00 @ 40 00	30 @	
Milwaukee		45 00 @ 60 00	35 @	
Moulded:			55 00 @ 65 00	
Clark's Glens Falls — Red	25 00 @ 27 00			
" — White	30 00 @ 35 00		@ 100 00	Dom. @ 65
White " Mold	45 00 @ 60 00		@ 120 00	@ 85
Enamelled: *Imp.*				
Enamelled (edge.)	85 00 @ 100 00			
Enamelled (edge and end)	90 00 @ 115 00			
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	1 15 @ 1 25	@ 1 40	*Not Sold.*	1 30 @ 1 50
Louisville "			1 05 @ 1 30	B & S.E. 275 @ 300
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	*Not sold.*	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	@ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 35 @ 2 50	@ 2 85	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	@ 2 85	3 00 @ 3 25	2 85 @ 3 15
" " (Burham)	2 50 @ 2 80	@ 2 85	2 90 @ 3 15	2 50 @ 2 75
" " (White's)	2 65 @ 3 00	@ 2 85	3 60 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 35 @ 2 85	3 00 @ 3 50	3 00 @ 3 25	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	2 80 @ 3 15	2 50 @ 2 75
" " (Vorwohler)	2 50 @ 2 90		2 80 @ 3 15	Josson
" " (Lagerdofer)	@	*Not sold.*	2 75 @ 3 00	2 50 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	2 85 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not Sold.*	2 75 @ 3 00
" " Stettin, (Anchor)	2 35 @ 2 85		*Not Sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 50 @ 2 75
Roman	2 75 @ 3 00	@ 3 20	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	7 00 @ 7 50	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	11 00 @ 12 00	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30 ₱ bush
Chicago Lime in bulk		St. John 1 00	55 @	White Mass
Wisconsin "			60 @	1 25 @ 150
Rockland and Rockport, (Com.)	@ 1 00	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 1 20	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing "	@ 1 10	*Not sold.*	*Not sold.*	*Not sold*
Plaster of Paris (calcined.)	1 20 @ 1 25	1 85 @ 1 90	1 95 @ 1 90	1 25 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ bush	18 @ 21	25 @ 30	20 @ 25	22 @ 30
" (Goat)	25 @ 28	@ 30	30 @ 55	30 @ 32
Sand, ₱ load	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		55 @ 65
Limestone:	45 @ 1 25			
Bedford	@ 1 00	95 @ 1 00	50 @	75 @ 90
Joliet	@		35 @ 55	Richmond
Lemont	@		35 @ 60	75 @ 1 50
Serpentine			@ 1 00	4 50 ₱ Perch

WILL YOUR WINTER BE AS PLEASANT
as the summer you have so much enjoyed?

The Novelty Furnace

will fill your house with the same warm pleasant balmy atmosphere that has made the past season delightful.

Absolutely free from gas.
No dust in the hot-air pipes.
Servants run them successfully.

Moderate in cost. Moderate in consumption.
Peculiar construction. Great durability.

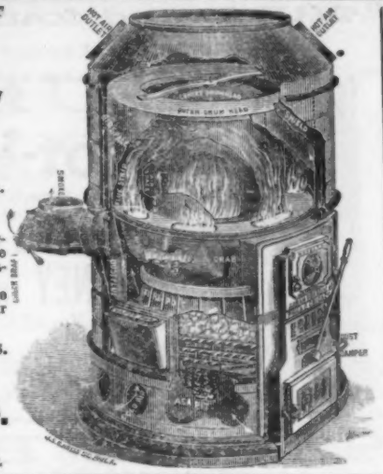
IMMENSE HEATING POWER.

The large heating-surface exposed by the peculiar arrangement, enables it to constantly afford a large volume of healthfully warmed fresh air which is perfect ventilation.

The manner in which the gases are retained and the indirect passage they are forced to make extracts their principal heat endowing the furnace with

EXTRAORDINARY ECONOMICAL QUALITIES.

Send for descriptive pamphlet.
Correspondence carefully attended.



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Philadelphia. Chicago.
WILKINSON & BANTA, 250 Water St., for New York and Vicinity.

PIPE-COVERING.

This covering is made entirely of Asbestos, and can not be affected injuriously by heat or dampness, nor can it be made a harbor for vermin.

Asbestos Building-Felt, Fire-Proof Cements, &c.
THE CHALMERS-SPENCE CO.,
419-425 E. 8th Street, - NEW YORK
BRANCHES:—Boston: 19 Pearl St. — Philadelphia 24 Strawberry St. — Chicago: 86 E. Lake St.

BUILDING MATERIALS.

	New York. (*Wholesale Prices.*)	Boston. (*Prices to Builders and Contractors.*)	Chicago.	Philadelphia.
Foundation:				
Dimension	@	5 00 ℔ ton	20 @ 2	@ 5 00
Block	@	4 60 ℔ perch		Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 20
Planed	50 @ 6 00	75	50 @ 1 00	45 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		} 95 @ 1 10
Kibbe	@ 90	90 @ 1 10		
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	} 85 @ 1 00
Berea } Ohio	75 @ 1 00	80 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 40
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 00 @ 1 10
Caen	@	@ 2 00	"	1 25 @ 1 50
Carlisle, English	@ 1 05	80 @ 90		95 @ 1 10
Corse Hill (Scotch)	1 05			
Marble (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and Blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined	@	50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna	@	3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red	@	1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville	@	85 @ 90	@ 4 40	5 00 @ 4 00
Pennsylvania, blue	@		*Not sold.*	2 00 @ 3 00
Vermont, white	@	1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate; Roofing (℔ *square*)	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" green	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	‡3 25 @ 3 75
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" purple	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" red	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
" black, Lehigh	— —	@	7 30 @ 8 00	4 00 @ 4 65
" " Chapmans	5 50 @ 8 00	5 00 @ 7 50	7 00 @ 9 50	@ 5 35
" Unfading Black, Monson, Me.			*Not sold.*	@ 25 00
Tiles, Am. ℔ M.				6 00 @ 6 75
N. Peach Bottom, warranted unfading				
PAINTS. (*In oil,* ℔ *lb.*)				
White lead, Am.	7 @ 7½	7 @ 7½	6½ @ 7½	7 @ 7½
" Zinc, "	5 @ 8½	7 @ 8	7 @ 10½	6½ @ 7
Red lead, Am.,	6½ @ 7	7 @ 7½	6½ @ 7½	6½ @ 6¾
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. @ 63
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	@ 16
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" @ 24
Black, lamp,	15 @ 25	15 @ 25	8 @ 30	@ 15
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw) (℔ gal.)	57 @ 58	58 @ 60	57 @ 58	@ 59
" " boiled	60 @ 61	61 @ 63	60 @ 61	@ 64
Turpentine	48 @ 49	51 @ 54	50½ @ 51½	@ 53
Varnish, coach		1 50 @ 6 00	1 25 @ 2 00	@ 3 00
Shellac		2 50 @ 3 00	2 25 @ 4 00	@ 3 00
Putty	2 @	2 @ 4	02 @ 02½	@ 2
Whiting (℔ cwt.)	75 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.,)	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Litharge, Am.	5½ @ 6	5½ @ 6½	6½ @ 7½	6 @ 6½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	@ 14
Umber, "	14 @ 20	14 @ 20	2 " 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85		2 15 @	pr kg @ 2 10
10d. common	@ 2 60	@ 2 20	@ 2 25	@ 2 30
Shingle	@ 3 35	@ 2 80	@ 2 75	@ 3 40
Lath	@ 4 85	@ 3 70	@ 3 65	4 50 @ 5 50
Finishing nails according to size.)			Add .85 to $1.15	per ℔ 11 @ 14
(*For casing nails add 75c. per keg.*)			" .50 to .90	Add pr cask
Butts: 4" x 4" (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 16
Japanned	@ 1 50	@ 1 75	*Not sold.*	1 75 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 75 @ 2 00
Ball Tip, Boston Finish. ℔ pair.	@ 65	@ 50	*Not sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 45
Brass (*on cupboards*)	@ 10	@ 10	@ 12	@ 1 00
Ebony				@ 35
Apple wood				37 @ 1 00
Knobs: (℔ *Set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hematite	*Not sold*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 1 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 %	22 @ 35
Sheet Lead		@ 6½		
Lead Pipe		@ 6		
Iron:				
I-Beams, up to and including 30 ft	3 3-10 @ 3½	2 8-10 @ 3	@ 4	@ 2 8-10
I-Beams, over 30 ft. ½, ¼, ¾ c. advance.				@ 2 8-10
Channel-Beams	3 3-10 @ 3½	2 8-10 @ 3	@ 4	@ 2 8-10

F. W. DEVOE & CO.,
(Established 1852.)
Fulton St., cor. William, New York.

Pure Ready-Mixed Paints

We desire to call attention of consumers to the fact that we guarantee our ready-mixed paints to be made only of pure linseed oil and the most permanent pigments. They are not "Chemical," "Rubber," "Patent," or "Fire-proof." We use no secret or patent method in manufacturing them by which benzine and water are made to serve the purpose of pure linseed-oil.

Sample cards, containing fifty desirable shades sent on application.

FINE VARNISHES.
Hard Oil-Finish & Wood-Stains.

Illustrated Catalogue of Engineers' and Architects' Supplies, 250 pages, 700 Illustrations, on request.

White-Lead Colors in Oil and Japan.

COFFIN, DEVOE & CO.,
No. 176 Randolph St.,
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SETTEES AND OPERA CHAIRS.
The Newest & Best Styles for
SUNDAY SCHOOLS, CHURCHES, OPERA-HOUSES, LODGEROOMS, HALLS, OFFICES, &c.
Harwood Man'f'g. Co.,
91 Summer St., Boston.
Send for catalogue and state requirements.

35 YEARS EXPERIENCE
STEAM HYDRAULIC **ELEVATORS** SAFETY SPEED
HAND POWER DUMB WAITERS SERVICE
THE JAS. L. HAVEN COMPANY.
CINCINNATI, O. U.S.A.

ELEVATORS
Hydraulic, Steam, Belt and Hand-power.
HENRY H. HILL, 36 Pearl St., N. Y.

SECTIONAL INSULATED AIR **COVERINGS** FOR PIPES, BOILERS, DRUMS, AND ALL OTHER HOT & COLD SURFACES

SHIELDS & BROWN CO.
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ASBESTOS CEMENT PACKING SHEATHING &C.

REGISTERS MADE TO ORDER FROM THE SPECIAL DESIGNS OF ARCHITECTS.

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UNION BRASS
Architectural Works,
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Artificers in Structural and Ornamental
BRASS and BRONZE.

Heating Apparatus.

The GOODWIN GAS STOVE & METER CO.,
MANUFACTURERS OF
The Sun Dial Gas Cooking and Heating Stoves.

The most economical in use. Over 100 different kinds. Suitable for Families, Hotels, Restaurants and Public Institutions. Laundry, Hatters' and Tailors' Heaters. Hot Plates, Warming-Closets for Pantries. Hot-Water Generators, etc., etc.

1012-1018 Filbert Street, Philadelphia.

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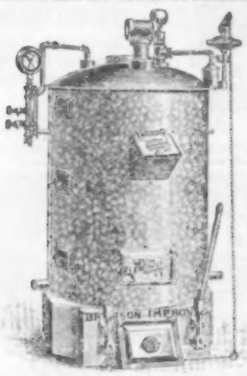
76 Dearborn Street, Chicago.
Waldo Bros., Agts., 88 Water St., Boston, Mass.

The Penrhyn Slate Co.
MANTELS.
General Slate M'f'r's,
101 East 17th Street, New York.
Quarries and Manufactory, Middle Granville, N. Y.

THE BRONSON BOILER
For Steam and Hot-Water Heating.
Automatic and Reliable.



With BRICK or IRON Settings, as you may prefer, The Bronson is constructed on scientific principles the fire surface being of the best boiler tubing that can be obtained. This boiler exposes more water to the direct action of the fire, either in steam or hot-water heating, than any boiler made. ☞We are making a specialty of a High Grade all-steel Boiler, which we are anxious to place by the side of anything in the world for actual results. Reliable Agents Wanted. Send for Illustrated Catalogue and Price List.

WESTON ENGINE CO.,
Sole Manufacturers. Painted Post, N. Y.
H. J. Barron & Co., 40 Cortlandt St., New York, Sales Agents.

THE BEST PREPARATION FOR HOUSEKEEPING IS A
WIRE GAUZE DOOR
As used Exclusively in the New Hub Range.

PERFECT COOKING
Is the most important item in the domestic economy. By using the Wire Gauze Oven Door with the new Hub Range, the skill of the cook is supplemented by the most perfect cooking apparatus ever made.
Three of the Hub Ranges with Wire Gauze Oven Doors are in constant use at the famous Boston Cooking-School, and are endorsed by them as being better than all others. Insist on your dealer giving you the new Hub Range. It is the very highest grade of cooking apparatus made, and when quality is considered is the lowest in price of any in the market. Over 100,000 Hub Ranges in use. The Hub line of goods are world renowned, and are sold by dealers everywhere. Special circulars sent on application.

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Manufacturers of Hub Stoves, Ranges and Furnaces.
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"TRIED and found NOT wanting."
Special Silver Medal Awarded for Extraordinary Merit to the

GURNEY
Hot-Water Heater
At American Institute Fair, New York, 1888, Outstripping all Competitors.
Send for Illustrated Catalogue and Testimonial Sheet.
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Charleston, S. C., Valk & Murdock, 16, 18 & 20 Hasell St. | Portland, Or., William Gardiner & Co., 134 Third St.

STEAM HEATING.
JOHNSON & MORRIS,
SUCCESSORS TO BATES & JOHNSON,
(IN NEW YORK AND WASHINGTON).
Contractors for Heating and Ventilating Residences and Public Buildings.
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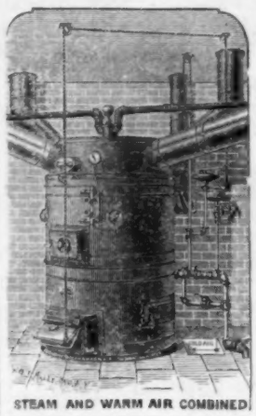

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One Fire Generates both Warm Air AND Steam
IN THE **ECONOMY**
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Steam and Warm Air Heater,
Utilizing the entire product of Combustion in producing Heat. A perfection for warming Churches, Schools, Residences.
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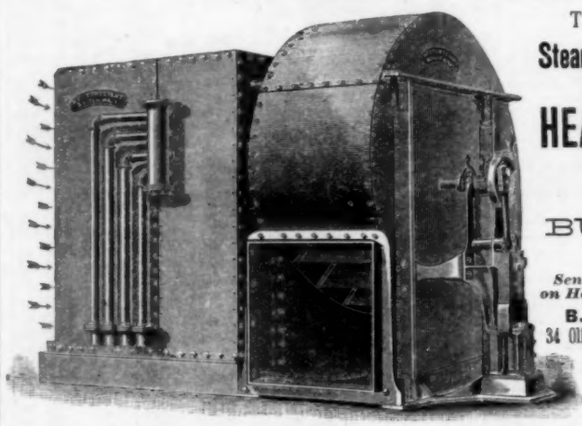
Sole M'f'rs of the ECONOMY WARM AIR FURNACES.



THE STURTEVANT
Steam Hot-Blast Apparatus
FOR
HEATING and VENTILATING
BUILDINGS
of all Kinds.
Send for Illustrated Treatise on Heating and Ventilation.
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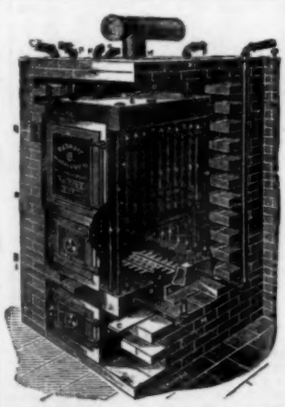

Detroit Heating & Lighting Co's
HOT WATER HEATER
(BOLTON'S PATENT)
For Heating Public and Private Buildings by Hot Water Circulation.
THE COMBINATION
GAS MACHINE
For Lighting all kinds of Buildings and for Furnishing Fuel Gas for Manufacturing Purposes.
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DETROIT HEATING & LIGHTING CO.
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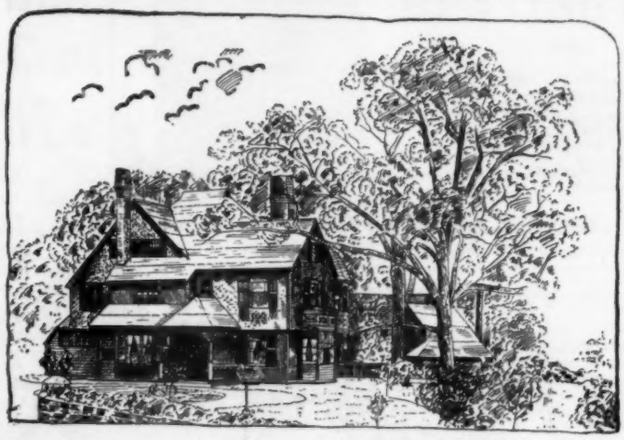
The exterior of this house is stained with

CABOT'S CREOSOTE STAIN

for Shingles, Fences, Clapboards Etc



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SAMUEL CABOT,

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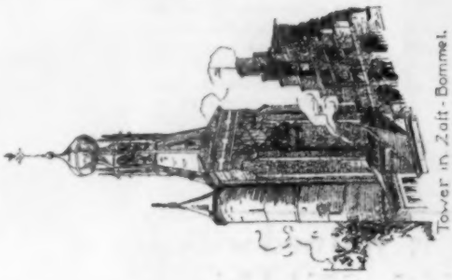

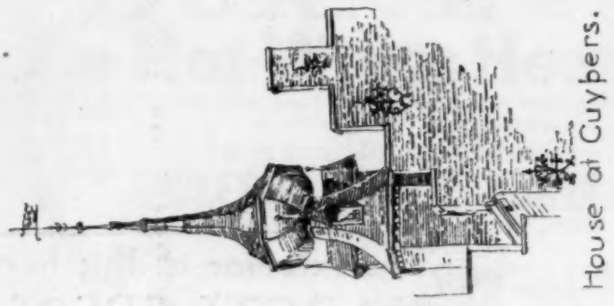

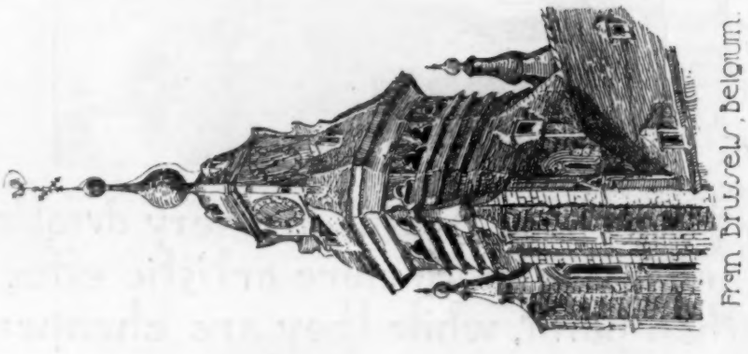

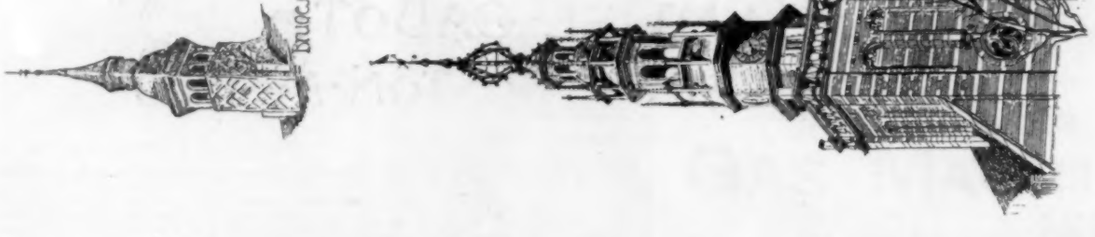

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Heating and Ventilating.

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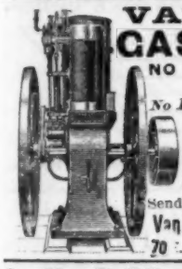

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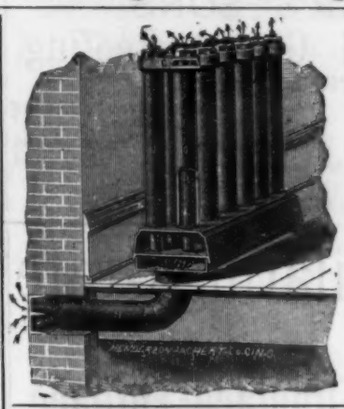

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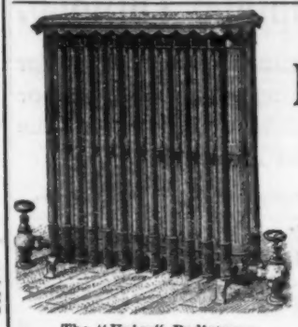

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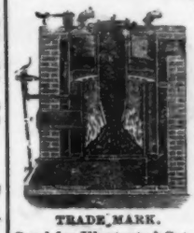

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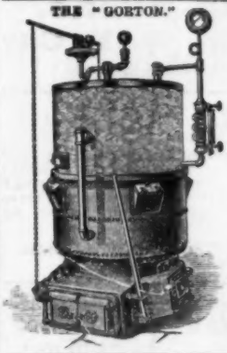

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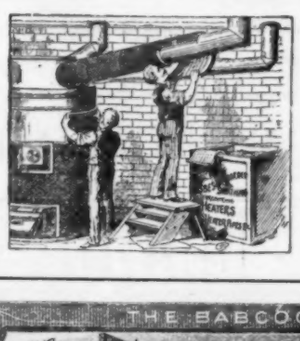

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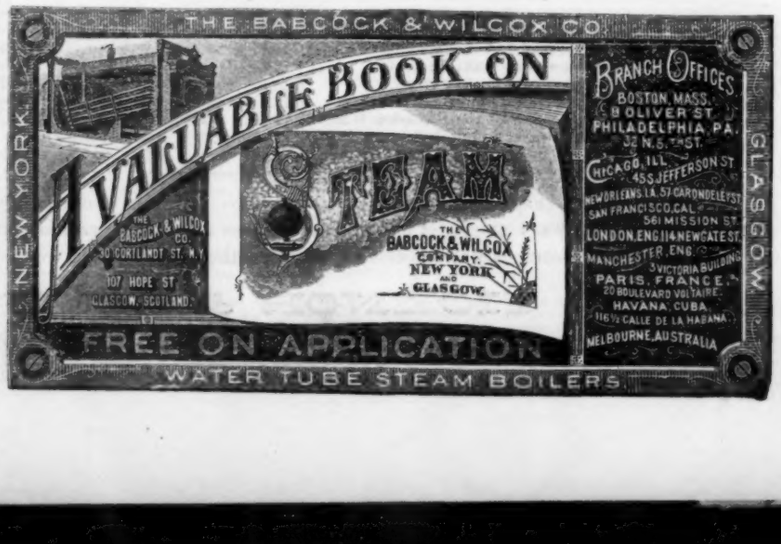

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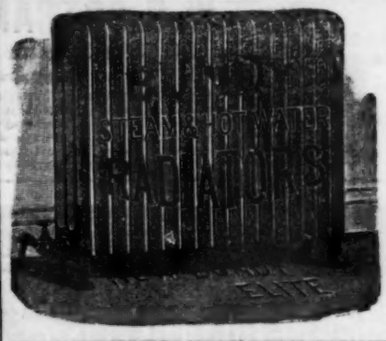
Something Worth Reading.

"*A Tin Roof*" is the title of a little book just issued by Messrs. Merchant & Co., 517 Arch Street, Philadelphia. The purpose of the publication is to supply to builders, architects, and the general public some exact information as to the best methods of constructing a tin roof and as to the right materials to be used to secure satisfactory and permanent results. We especially recommend the book, which is intended for gratuitous distribution, to mill-owners. They are very apt to entrust the matter of roofing wholly to builders, and they usually know very little about the character of the tin used or the excellence or defectiveness of the job. This pamphlet will help them to protect their interests. It is very explicit, perfectly comprehensible, and we think wholly trustworthy. It is quite profusely illustrated, and the cuts indicate processes of applying tin-roofing which insure excellence.—*Philadelphia Telegraph*, February 16, 1889.

MESSRS. MERCHANT & CO., of Philadelphia, are about to issue a work on the subject of tin roofing for the benefit of architects, which they have had compiled at considerable expense and labor by one thoroughly versed in the subject of tin roofing. It touches on different features of the subject which have heretofore never been published. While this work is issued partly as an advertisement of their guaranteed plates, it will be found to contain very valuable information. It is for distribution to those who want the information, though it is not their purpose to send it out broadcast, as it is too valuable a work in itself to go into the waste basket. The book will be nicely bound, and the title will be "*A Tin Roof*." Messrs. Merchant & Co., have done all in their power to bring about the use of a better class of material, and were the first to introduce plates every sheet stamped with the brand and thickness, and as the doing away with the wasters, or imperfect sheets, has been the cause of great loss of profit to this concern, in their determination to keep faith with the architectural profession, they find that in some cases even leading architects are to-day simply using their brands as a figure-head, and are inserting in their specifications not only cheaper brands than theirs, but brands the wasters of which can be obtained and will be used. Consequently they have now taken the stand to simply ask the architect to drop their brands entirely if they are to be used with inferior goods, as they do not care to be held responsible by their clients when the roof proves inferior by reason of the use of cheaper material than they offer to the public.—From *Manufacturers' Record*, Baltimore, of February 9, 1889.



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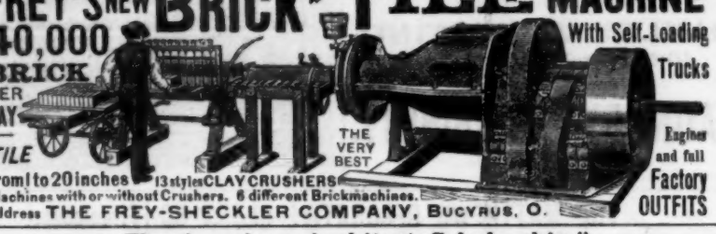

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3. At the time of filing notice of intention to compete, the applicant must be between the ages of twenty and twenty-five years. It is desirable that notice should be filed with the editors before May 15, 1889.
4. The applicant must have served for at least two years in offices of members of the American Institute of Architects, or of the Western Association of Architects. A graduate's diploma granted by a technical school will be accepted in lieu of one of these years' of office-work.
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8. The course of travel and study while abroad will be outlined by the editors of the *American Architect*.

December 22, 1888.

TICKNOR & COMPANY, Publishers, 211 Tremont Street, Boston.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Boston, Mass.—*Carey St., Nos.* 26-28, Ward 19, alter frame dwell. to flat; owner, C. Taylor; builder, H. Fernald.

Tremont St., No. 180, cor. Head Pl., Ward 10, addition for offices; owner, Warren Sherburne.

Church St., No. 8, Ward 11, remodelling brick dwell.; owner, S. W. Winslow; builder, C. G. Goodnow.

Tremont St., Nos. 154-155, Ward 10, repair fire damage to mercantile building; owner, J. M. Sears; builders, Flanagan Bros.

Condor St., No. 146, Ward 1, general alterations to manufactory; owners, N. E. Pottery Co.

Hanover St., No. 115, cor. Friend St., No. 49, Ward 7, alter front and partition mercantile and manufacturing building; owner, J. H. Beal, trustee; builder, W. Cheever.

Huntington Ave., St. James Ave. and Clarendon St., Ward 11, general alterations to Trinity Church; owners, Trinity Church Society; builder, A. Hathaway.

South St., rear, near Child St., Ward 23, alter stable for dwell.; owners and builders, Swanson & Murray.

Washington St., Nos. 31-36, rear, Ward 23, remodel storage-building for stable; owner, G. A. Keinold; builder, A. H. Allen.

Brooklyn, N. Y.—*Washington Ave., No.* 294, one-st'y addition, mansard, tin and slate roof, also three-st'y brick extension, tin roof; cost, $3,500; owner, Sara M. Ludlam, 225 Lafayette Ave.; builders, W. Bulkley and Miller & Howe.

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Middleton St., No. 73, repair damage by fire; cost, $3,000; owner, J. Bossert, Willoughby Ave., cor. Stuyvesant Ave.

Court St., No. 217, one-st'y addition, flat tin roof; also three-st'y brick extension, tin roof, interior alterations, etc.; cost, $15,000; owner, Louis Reese, Court St.; architects and contractors, M. Freeman's Sons; mason, J. C. Carlin.

Fifth Ave., n e cor. Pacific St., two-st'y brick extension, paint roof, interior alterations, etc.; cost, $7,000; owners, Schwarzchild & Sulzberger, Forty-fifth St. and First Ave., New York; architects, A. B. Ogden & Son.

Clermont Ave., No. 75, flat tin roof; cost, $4,500; owner and builder, J. Meyers, on premises.

Grand Rapids, Mich.—Mr. J. H. Nouderly will expend $30,000 in adding three new stories to his three-st'y block.

Philadelphia, Pa.—*Filbert St., No.* 1027, two-st'y addition to factory; owner, Henry Taylor, 922 Filbert St.

St. Louis, Mo.—Two-st'y brick addition to dyehouse; cost, $3,500; owners, Langstras Dyeing Co.; architect, E. C. Janssen; sub-let.

One-st'y brick addition to church; cost, $13,500; owners, Church of the Holy Cross; architect, Aug. Beinke; contractor, C. Kellermann.

Repair one-st'y brick foundry; cost, $5,000; owners, Ette & Heuger; sub-let.

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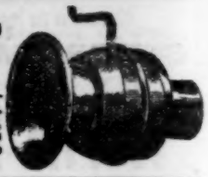

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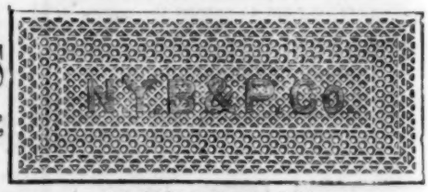

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BUILDING INTELLIGENCE.

APARTMENT-HOUSES.

Brooklyn, N. Y.—*Grove St.*, n e cor. Central Pl., four-st'y brick flat, tin roof; cost, $14,000; owner and builder, M. J. McLoughlin, 100 Kosciusko St.; architect, I. D. Reynolds.

Chicago, Ill.—A. Ortlepp, 2 four-st'y flats, West Indiana St.; cost, $20,000; architects, Schaub & Berlin.

H. E. Otto, 2 three-st'y flats, California Ave.; cost, $8,000; architects, Thiel & Lang.

J. Chambers, three-st'y flats, West Harrison St.; cost, $9,000; architects, S. & A. Pentecost.

J. Magee, three-st'y flats, West Van Buren St.; cost, $5,000; architect, P. F. Werges.

H. E. Huribut, 3 three-st'y flats, Cottage Grove Ave.; cost, $20,000; architect, A. M. F. Colton.

F. Hunt, owner and architect, two-st'y flats, Western Ave.; cost, $3,000.

J. Jensen, owner and architect, two-st'y flats, North Kedzie Ave.; cost, $2,900.

Tracey & Taylor, owners and architects, 3 two-st'y flats, Harding St.; cost, $4,000.

G. H. Pursell, two-st'y flats, West Adams St.; cost, $2,000; architects, Ratlidge Bros.

G. Gundersen, four-st'y flats, West Ohio St.; cost, $7,000; architect, G. Isaacson.

P. A. Sauer, two-st'y flats, California Ave.; cost, $5,000; architect, J. Speyer.

P. Ratkowski, four-st'y flats, Division St.; cost, $5,000; architect, T. Lewandowski.

S. Czech, four-st'y flats, Archer Ave.; cost, $6,000; architect, L. H. Heinz.

New York, N. Y.—*Eighty-ninth St.*, s s, 75' w Second Ave., five-st'y brick flat, tin roof; cost, $18,000; owners, Higgins & King, 138 East Eightieth St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Ninth Ave., n w cor. Seventy-fifth St., six-st'y brick flat, tin roof; cost, $45,000; owner, C. W. Luyster, 1189 Ninth Ave.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Eighty-ninth St., s w cor. Second Ave., 4 five-st'y brick flats, tin roofs; cost, $73,000; owners, Higgins & King; architects, A. B. Ogden & Son, 1031 Madison Ave.

Fifth Ave., e s, 23' s One Hundred and Fifteenth St., 3 five-st'y brick flats, tin roofs; cost, $45,000; owner, Henry Hawks, 2369 Eighth Ave.; architect, John C. Burne, 1531 Third Ave.

Thirty-fourth St., s w cor. Lexington Ave., seven-st'y brick, stone and terra-cotta fireproof apartment; cost, abt. $265,000; owner, T. Brennan; architects, Geo. E. Harding & Co.

One Hundred and Thirty-fourth St., n s, 375' e Eighth Ave., 3 five-st'y brick and terra-cotta apartments; owner, James Henderson; architect, Geo. A. Schellenger.

One Hundred and Sixteenth St., s s, 100' e Madison Ave., 5 five-st'y brick flats, tin roofs; cost, $90,000; owner, Mary L. Fetiretch, 900 Park Ave.; architect, Andrew Spence, 2294 Third Ave.

Thirty-fifth St., s s, 275' w Ninth Ave., five-st'y brick flat, tin roof; cost, $15,000; owner, Alexander Moore, 516 West fifty-second St.; architect, George Keister, 55 West Thirty-third St.

Forty-fifth St., n s, 150' w Second Ave., five-st'y brick flat, tin roof; cost, $20,000; owners, Mahon & Coyne, 160 East Forty-fourth St.; architect, I. H. Valentine, 58 Liberty and 30 Nassau Sts.

Eighty-second St., n s, 98 w Avenue B, 7 five-st'y brick flats, tin roofs; cost, $108,000; owner, Emil Roessert, 527 East Eighty-fifth St.; architect, Edw. Wenz, 1491 Third Ave.

One Hundred and Seventeenth St., n s, 150' e Eighth Ave., 3 five-st'y brick flats, tin roofs; cost, $15,000; owners, John J. & James Walker, 300 East One Hundred and Fifteenth St.; architect, Andrew Spence, 2294 Third Ave.

Ninth Ave., n e cor. Forty-eighth St., five-st'y brick flat, tin roof; cost, $25,000; owner, Alexander Cadoo, 301 West Fifty-first St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Grand St., No. 358, five-st'y brick flat, tin roof; cost, $22,000; owner, Edward Ward, 228 East Fifth St.; architect, Louis F. Heinecke, 374 Second St.

Seventy-fifth St., n s, 100' w Tenth Ave., five-st'y brick flat, tin roof; cost, $17,000; owners, Thos. P. & John A. Kelley, 231 West Fifty-fifth St. and 1216 Tenth Ave.; architect, George Keister, 55 West Thirty-third St.

CHURCHES.

Brooklyn, N. Y.—*Ellery St.*, s s, 215' e Nostrand Ave., two buildings, one a frame church, tin roof, the other a three-st'y frame rectory, tin roof; cost, $35,000; owner, J. Jollon, 57 Seigel St.; architects, N. Le Brun & Sons.

New York, N. Y.—*One Hundred and Twenty-fifth St.*, cor. One Hundred and Twenty-sixth St. and Ninth Ave., Roman Catholic church; owner, Rev. Father Kesseler; architects, Herter Bros.

Forsyth St., Nos. 126-128, stone and brick church and parsonage; cost, abt. $36,000; owners, New York City Mission.

FACTORIES.

Brooklyn, N. Y.—*Graham St.*, w s, 95' s De Kalb Ave., four-st'y brick factory, gravel roof; cost, $7,500; owner and contractor, Hugo Tollner, 292 Graham St.; architect, A. Hill; mason, C. Collins.

St. Mark's Ave., s w cor. Brighton Beach R. R.,

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BUILDING INTELLIGENCE.

one-st'y brick asphalt factory, gravel roof; cost, $8,000; owners and builders, Cranford & Wallenstein, 16 Court St.; architect, G. Damen.

Chicago, Ill.—C. Husche, four-st'y factory, West Superior St.; cost, $13,000; architect, H. Cley.

New York, N. Y.—*Pitt St., No.* 38, six-st'y brick workshop, tin roof; cost, $9,000; owners, Pfeiffer & Bro., 96 Cannon St.; architect, William Graul, 215 Bowery.

HOUSES.

Baltimore, Md.—Ignatz Mareske, 3 two-st'y brick buildings, n s Thames St., e Bond St.

F. D. Sauerwein, 13 three-st'y brick buildings, w s Carey St., beg. s w cor. Lafayette Ave.; and three-st'y brick building, s s Lafayette Ave., w Carey St.

Wm. Butzler, three-st'y brick building, e s Greenmount Ave., n Chase St.

W. J. Clendinen, 13 two-st'y brick buildings, w s Broadway, beg. s w cor. Oliver St.

Robt. Brooks, 3 three-st'y brick buildings, s s North Ave., beg. Bolton St. and Linden Ave.; and 4 two-st'y brick buildings, n s 20-ft Alley, s from North Ave., bet. Bolton St. and Linden Ave.

Aug. Krebs, 6 two-st'y brick buildings, n s Cross St., bet. Warner St. and China Alley.

T. E. Bowen, 5 three-st'y brick buildings, e s Druid Hill Ave., w Laurens St.

Boston, Mass.—*Phillips St., No.* 29, Ward 22, three-st'y frame dwell., flat roof, 23′ x 36′; owner, J. Brenon; builder, W. McDonald.

Mozart St., near Lamartine St., Ward 23, three-st'y frame dwell., flat roof, 21′ x 41′ 6″; owner, W. Bungsthaler; builder, A. Sontag.

Market St., cor. Arlington St., Ward 25, frame dwell., 23′ x 36′; owner, P. Kennedy; builder, E. B. Warren.

Granger St., n s, near Duncan St., Ward 24, three-st'y frame dwell., 24′ x 43′; owner, J. T. Mullowney; builder, H. Chisholm.

Blue Hill Ave., No. 207, Ward 21, three-st'y frame dwell., flat roof, 26′ x 53′; owner and builder, F. J. Portunato.

Minot St., cor. Washington St., Ward 24, two frame dwells., 20′ 6″ x 32′; owner, Nathan Holt; builder, W. J. Hatch.

Brooklyn, N. Y.—*McDonough St.*, n s, 22′ 8″ w Ralph Ave., 8 two-st'y brick dwells., tin roofs; cost, each, $5,000; owner, Samuel Good, 507 McDonough St.; architect, Amzi Hill.

Chestnut St., w s, 100′ n Etna St., 2 two-st'y frame (brick-filled) dwells., shingle roofs; cost, $2,800; owner, George Beach, Logan St., Ward 26.

Gunther Pl., w s, 98′ 7″ n Atlantic Ave., 4 two-st'y frame (brick-filled) dwells., tin roofs; cost, each, $2,000; owner, architect and builder, O. H. Doolittle, 1098 Greene Ave.

Ocean Pl., e s, 98′ 7″ n Atlantic Ave., 4 two-st'y frame (brick-filled) dwells., tin roofs; cost, each, $2,000; owner, architect and builder, same as last.

Fifteenth St., n s, 304′ 1″ e Sixth Ave., 5 two-st'y frame dwells., tin roofs; cost, each, $2,500; owner, C. C. Firth, 509 Sixth Ave.; architect, R. W. Firth.

Greene Ave., s s, 100′ e Stuyvesant Ave., 5 two-and-one-half-st'y brownstone dwells., tin roofs; cost, each, $4,500; owners, Connolly & Spears, 468 Hancock St.

President St., s s, 175′ e Eighth Ave., 14 three-st'y brownstone dwells., tin roofs; total cost, $140,000; owner, Patrick Sheridan, 836 Myrtle Ave.

Evergreen Ave., w s, 75′ 8″ s Woodbine St., two-st'y frame (brick-filled) dwell., tin roof; cost, $2,800; owner, John Schwegler, Stagg St., near Ewen St.; architect, H. Vollweiler; builder, not selected.

McDonough St., s s, 22′ 6″ w Throop Ave., 3 three-st'y brownstone dwells., tin roofs; cost, $10,000; owner, John Fraser, 44 Rochester Ave.; architect, A. Hill.

Stone Ave., w s, 200′ s Sutter Ave., 2 two-st'y frame dwells., tin roofs; cost, each, $2,000; owner, architect and contractor, Geo. A. Renson, 461 Quincy St.; mason, Kelley.

Bainbridge St., s s, 200′ e Stuyvesant Ave., 3 two-st'y brick and brownstone dwells., tin roofs; cost, each, $5,000; owner, E. H. Hawkins, 297 Monroe St.; architect, F. B. Langston.

Jefferson Ave., s s, 370′ w Throop Ave., 3 three-st'y brownstone dwells., tin roofs; cost, each, $9,000; owner and builder, William Reynolds, 403 Jefferson Ave.; architect, I. D. Reynolds.

Cleveland St. e s, 250′ n Arlington Ave., 2 two-st'y frame dwells., tin roofs; cost, each, $3,000; owner, E. Losee, Osborn St. and Belmont Ave.; architect, W. D. Losee.

Eighth St., s s, 230′ 10″ e Seventh Ave., 3 two-st'y brick and brownstone dwells., tin roofs; cost, each, $4,000; owner, architect and builder, Wm. Hawkins, 358A Fourteenth St.

Vigelius St., n s, 200′ e Bushwick Ave., 5 two-st'y frame dwells.; total cost, $15,000; owner, R. B. Muller, 37 Cornelia St.; architect, Y. or G. Hummell; builder, not selected.

Bushwick Ave., w s, 30′ n Eldert St., 7 three-st'y brick dwells., tin roofs; cost, each, $5,000; owner, architect and builder, Frank [illegible], 1002 Halsey St.

Camden, N. J.—*Chestnut [illegible], No.* 421, brick building; owner, Josiah Dorman.

Central Ave., No. 611, e Philip St., 3 two-st'y brick dwells., owner, Eli B. Morgan.

Eighth St., n Woodland Ave., two-st'y frame building; owner, Charles S. Adams, 727 Florence St.

Division St., w Eighth St., five brick dwells.; owner, Charles Johnson, 571 Clinton St.

Bell Pl., w Eighth St., rear of Spruce St., nine brick dwells.; owner, Chas. Johnson.

Federal St., Nos. 807-809, two frame dwells. and store; owner, Charles Fackler, 5 North Fifth St.

Broadway, No. 219, two-st'y brick dwell.; owner, W. T. White, 221 Broadway.

Ferry Ave., e W. J. R. R., 4 two-st'y frame dwells.; owners, Eastwick & Harman.

Chicago, Ill.—J. N. Stiles, three-st'y dwell., Astor St., cost, $10,000; architect, W. L. B. Jenney.

E. J. Golding, two-st'y dwell., Monroe St.; cost, $5,000; architect, C. A. Weary.

Detroit, Mich.—Alfred Lewis, frame dwell., 705 Fourth St.; cost, $2,500.

Ph. Cook, frame dwell., 801 Third St.; cost, $4,000.

Mouat & Currie, frame dwell., 711 Fourth St.; cost, $2,600.

Feltonville, Pa.—*Second St. Turnpike*, n Wyoming Ave., two frame dwells.; owner, E. K. Welch, Wyoming Ave. and Fisher's La.

Lexington, Mass.—Frame dwell., 32′ x 40′; cost, abt. $4,500; owner, Warren B. Sherburne; builder, John Alder; architect, J. Merrill Brown, Boston.

Little Rock, Ark.—L. W. Mason, two-st'y frame dwell.; cost, $3,000; architects, Bartlett & Thompson.

Manayunk, Pa.—*Grape St.*, e s, ab. Wood St., two-st'y stone dwell.; owner, John Unkell, 112 Cotton St.

Seneca St., w Forty-eighth St., two brick dwells.; builder, John Bateson, Jr., 4505 Lancaster Ave.

New York, N. Y.—*One Hundred and Thirty-eighth St.*, n s, 85′ e Edgecomb Ave., 8 three-st'y brick dwells., mansard, tin, and slate roofs; cost, $68,000;

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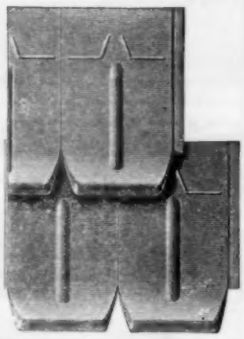

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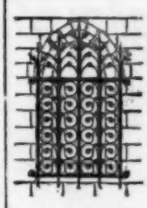

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BUILDING INTELLIGENCE.

owner, George J. Hamilton, 140 West Seventy-second St.; architect, E. R. Will, One Hundred and Sixty-ninth St. and Webster Ave.

Edgcomb Ave., e s, bet. One Hundred and Thirty-eighth and One Hundred and Thirty-ninth Sts., 11 three-st'y brick dwells., tin roofs; cost, $95,500; owner, George J. Hamilton, 140 West Seventy-second St.; architect, E. R. Will, One Hundred and Sixty-ninth St. and Webster Ave.

Ninety-fifth St., n s, 350′ e Tenth Ave., three-st'y brick dwell., tin roof; cost, $12,000; owner, Rev. Chas. A. Vissam, 309 West Fifty-second St.; architect, James W. Cole, 493 West Fifty-first St.

St. Nicholas Ave., n e cor. One Hundred and Forty-sixth St., 7 three-and-one-half-st'y brick dwells., tin roofs; cost, $84,000; owner, George Dalker, 732 St. Nicholas Ave.; architect, A. B. Jennings, 145 Broadway.

Seventy-fifth St., s s, 200′ e Ninth Ave., ten dwells.; owner, James T. Hall; architect, Charles P. Budlong.

Eighty-seventh St., s s, 200′ w West End Ave., 5 three-st'y brick and stone dwells.

Nicetown, Pa.—*Eighth St.*, w s, bet. Tioga and Ontario Sts., 4 two-st'y brick dwells.; builder, Benjamin Walker, 3953 Germantown Ave.

De Kalb St., w s, n Aspen St., 6 two-st'y brick dwells.; builder, Lafayette Herter, 211 North Thirty-sixth St.

Ontario St., s s, e Tenth St., 3 two-st'y brick dwells.; owner, Edward Miller, 1816 Somerset St.

Philadelphia, Pa.—*Kirkbride St., No.* 2765, two-st'y brick building; owner, S. King, 2765 Kirkbride St.

Twenty-seventh St., e s, ab. Cumberland St., brick dwell.; builder, Charles W. Savidge, 2524 West Huntingdon St.

Redwood St., s s, bet. Twenty-sixth and Twenty-seventh Sts., 21 two-st'y brick dwells.; owner, John T. McDuffee, 1925 North Seventh St.

Jefferson St., Nos. 2523-2527, 2 three-st'y brick dwells.; owner, James McFarlgug, 513 North Twenty-fourth St.

South Broad St., Nos. 1636-1640, 2 three-st'y brick dwells.; owner, Francis Runkin, 2104 Fitzwater St.

Forty-three-and one-half St., w s, Forty-fourth St., e s, and Wallace St., s s, e Forty-fourth St., 20 brick dwells., 13 two-st'y, 7 three-st'y; builder, John G. Ruff, 619 Cherry St.

Tulip St., e s, s Lehigh Ave., 2 two-st'y brick dwells.; owners, Brosnahan & Ryan, 2309 East Huntingdon St.

Sansom St., s s, w Forty-third St., 10 three-st'y brick dwells.; owner, Wm. McKinney, Forty-second St., ab. Chester Ave.

Siegal St., w Fourth St., 7 two-st'y brick dwells., with bath-rooms; owner, James M. Mack, 1821 South Fifth St.

Fifty-seventh St., w s, s Ludlow St., five brick dwells., with stone fronts; owner, William A. Arthur, Fifty-seventh and Market Sts.

North Thirteenth St., No. 1628, two-st'y brick dwell.; owner, E. H. Flood, 2118 Diamond St.

Ninth St., e s, n Dauphin St., two-st'y brick dwell.; owner, John Weible, 2324 North Ninth St.

New St. or Forty-five-and-one-half St., s w s, bet. Saybrook and Paschall Aves., 4 two-st'y brick dwells.; owner, N. S. P. Shields, 4901 Saybrook Ave.

Seventh St., w s, n Indiana Ave., two-st'y brick dwell.; owner, Charles Vuller, 2917 Lawrence St.

Engle Ave., near Oak La., two-and-one-half-st'y dwell. and store; owner, Charles B. Engle, Oak La. and Engle Ave.

Providence, R. I.—*Eleventh St.*, near Summit Ave., frame dwell.; owners, Geo. W. Plumbine and wife; builders, John Cosmith.

Abbott St., No. 42, two-st'y frame dwell.; owner, George Brooks.

Roxborough, Pa.—*Ridge Ave.*, e s, ab. Hermit's La., 2 three-st'y brick dwells., with kitchen addition; builder, John W. Fritzinger, Gates St.

Clarence St., n s, e Twenty-sixth St., 4 two-st'y brick buildings; builder, James Hague, 2602 Clarence St.

Mascher St., Nos. 1715-1719, 3 three-st'y brick dwells.; owner, E. Schmidt, 1713 Mascher St.

Somerville, Mass.—*Marion St.*, frame dwell.; owner and builder, James W. Connor.

Alpine St., frame dwell.; owner, Honora Hughes; builder, Nelson S. Smith.

Summer St., frame dwell.; owner, S. S. Higgins; builder, R. H. Collupy.

Pearl St., frame dwell.; owner and builder, J. E. Parsons.

Cross St., two frame dwells.; owner, D. Rosenfelt; builder, Chas. C. Emerson.

Carleton St., two frame dwells.; owner, G. W. Lake; builder, J. Tilton.

On passageway between Marshall St. and Maple Ave., two frame dwells.; owner and builder, Alonzo Bowers.

Prospect St., No. 97, double frame dwell.; owner, J. H. Heron; builder, John McDonald.

Hathorn St., frame dwell.; owner, Miss Avery; builder, Frederic A. Chandler.

Morrison St., frame dwell.; owner, J. W. Johnson; builders, A. S. Teele & Son.

West Newton, Mass.—Plans and arrangements had been made for the construction of twenty dwells., of different designs, on Waltham St.; cost, abt. $3,000, each; but owing to incumbrances on the land, the builder withdrew his contract; architect, J. Merrill Brown, Boston.

OFFICE-BUILDINGS.

New York, N. Y.—*Nassau St., Nos.* 119-121, running through to Theatre Alley, ten-st'y brick office-building, asphalt roof; cost, $150,000; owner, Eugene Kelly, 33 West Fifty-first St.; architect, James M. Farnsworth, 225 East One Hundred and Fifteenth St.

Philadelphia, Pa. — *Delaware Ave.*, n Arch St., brick office; owners, Hatch Bros., Camden, N. J.

STABLES.

Boston, Mass.—*Elm Ave.*, rear, near Isleworth St., Ward 25, frame stable, 22′ x 30′; owner, C. L. Pitkins.

Norfolk St., rear, near Morton St., Ward 24, frame stable, 18′ x 26′; owner and builder, N. E. Hollace.

Norfolk St., rear, near Walk Hill St., Ward 24, frame stable, 20′ x 30′; owner and builder, C. R. Bea

Granville St., rear, near Beech St., Ward 23, two-st'y frame stable, 25′ x 30′; owner, Helen Sullivan; builder, C. Tupper.

Lincoln St., rear, near Market St., Ward 25, frame stable, 15′ x 22′; owner, John Dignan.

Hopkins St., rear, near Evans St., Ward 24, frame stable, 20′ x 25′; owner, W. Chamberlain; builder, C. A. Russell.

BUILDING INTELLIGENCE.

Philadelphia, Pa. — *South Second St., No.* 545, one-and-one-half-st'y brick stable; owner, John Anders, 204 Bridge Ave.

Benson St., No. 511, rear, two-st'y brick stable; owner, Charles Johnson, Fifth and Clinton Sts.

Broadway, No. 1837, one-st'y frame stable; owner, Joseph Shackleton, 1837 Broadway.

Somerville, Mass.—*Delaware St.*, frame stable and paint-shop; owners, Haley & Soderland; builder, Charles C. Emerson.

Trull St., frame stable; owner and builder, Maurice Buttimer.

STORES.

Boston, Mass.—*Dorchester Ave.*, near Dell St., Ward 24, one-st'y frame store, pitch roof, 20′ x 20′; owner, R. E. Boyd; builder, F. Gutrow.

Commercial St., Nos. 193-195, Ward 24, three-st'y frame store, flat roof, 50′ x 100′; owners, C. M. Bugbee & Co.; builder, P. P. Nichols.

Brooklyn, N. Y.—*Fifth Ave.*, n w cor. Thirty-fourth St., three-st'y frame stores and tenements, tin roof; cost, $3,000; owner, Chas. Hart, Degraw St. and Fifth Ave.

Fulton St., Nos. 434-436, *and Livingston St., No.* 195, five-st'y store and cellar, Indiana limestone store, tin and slate mansard roof; cost, $100,000; owner, Nancy B. Wheeler, 517 Fulton St.; architect, W. H. Beers.

Henry St., n w cor. President St., five-st'y brick store and tenement, tin roof; cost, $15,000; owners and builders, Assip & Buckley, 314 Fifth Ave.; architect, W. M. Coots.

New York, N. Y.— *Tenth Ave., Nos.* 28-30, four-st'y brick store, tin or gravel roof; cost, $8,000; owner, Peter D. Strauch, 342 West Fifteenth St.; architect, S. H. Taylor, 244 West Fourth St.

East Nineteenth St., No. 213, five-st'y brick store, tin roof; cost, $19,000; owner, Richard Rauft, 204 East Eighteenth St.; architects, De Lemos & Cordes, 146 Broadway.

Philadelphia, Pa.—*Eighth St.*, e s, bel. Bainbridge

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St., three stores; builder, Thomas Bennett, 923 Locust St.

Locust St., No. 924, three-st'y brick store and dwell.; owner, William C. Haddock, 2427 Sepviva St.

TENEMENT-HOUSES.

Brooklyn, N. Y.—*Alabama Ave.*, e s, 128′ s Atlantic Ave., three-st'y frame (brick-filled) tenement, tin roof; cost, $4,800; owner, John Knipfeng, 38 Alabama Ave.; architect, H. Vollweiler; builder, not selected.

Imlay St., e s, 150′ n Verona St., three-st'y brick tenement, tin roof; cost, $5,500; owner, P. Creamer, Columbia St.; architect, C. M. Detlefsen.

Bleecker St., n s, 250′ w Central Ave., 2 three-st'y frame (brick-filled) tenements, tin roofs; total cost, $11,000; owner, Chas. Ditrich, 98 Moore St.; architect, Th. Engelhardt; builders, G. Muller and A. Kuntzweiler.

Herkimer St., s s, 19′ e Columbus Pl., three-st'y frame (brick-filled) tenement, tin roof; cost, $4,600; owner, Adam Pfeil, 9 Columbus Pl.; architect and contractor, A. Frederickson; mason, C. Baur.

Humbolt St., e s, 50′ n Ten Eyck St., three-st'y frame (brick-filled) tenement, tin roof; cost, $5,000; owner and builder, H. Roth, 213 Johnson Ave.; architect, H. Vollweiler.

Fourth Ave., e s, 22′ s Baltic St., 6 four-st'y brick tenements, tin roofs; cost, each, $7,000; owner, J. M. O'Neil; architect, J. W. Bailey.

Pulaski St., s s, 475′ e Throop Ave., 8 three-st'y brick tenements, tin roofs; cost, each, $4,500; owner, Wilson Gray, 194 Broadway, New York; architect, H. Vollweiler; builder, not selected.

Bushwick Ave., n e cor. Halsey St., five buildings; Halsey St., n and s s, 100′ e Bushwick Ave., two buildings; Bushwick Ave., s e cor. Halsey St., ten buildings run to Eldert St. and one building 100′ e Bushwick Ave.—being 18 three-st'y frame (brick-filled) tenements, tin roofs; cost, each, $3,500; owners, Geo. Jackson and Oliver Duffy, 76 Weirfield St.; architect, H. Vollweiler; builders, O. Duffy and G. Jackson.

Central Ave., Nos. 352-354, w s, 25′ n Grove St., 2 three-st'y frame tenements, tin roofs; cost, each, $4,200; owner, Reek, 404 Central Ave.; architect, F. Lessing.

Throop Ave., s w cor. McDonough St., four-st'y brownstone tenement, tin roof; cost, $15,000; owner, John Fraser, 44 Rochester Ave.; architect, A. Hill.

Ainslie St., n s, 175′ e Lorimer St., three-st'y frame (brick-filled) tenement, tin roof; cost, abt. $5,000; owner, Oliver H. Perry, 454 Grand St.; architect, F. J. Berlenbach, Jr.; builder, not selected.

Bushwick Ave., s w cor. Halsey St., four-st'y brick tenement, tin roof; cost, $20,000; owner, architect and builder, Frank Ames, 1002 Halsey St.

Bushwick Ave., n w cor. Eldert St., four-st'y brick tenement, tin roof; cost, $20,000; owner, architect and builder, some as last.

Henry St., w s, 20′ n President St., 6 five-st'y brick tenements, tin roofs; total cost, $72,000; owners and builders, Assip & Buckley; architect, W. M. Coombs.

Minneapolis, Minn.—C. M. McGregor, brick tenement, Bryant and Eighteenth Aves., California St. and Third Ave., n e; cost, $10,000.

New York, N. Y.—*Eighty-second St.*, s s, 85′ w Avenue B, five-st'y brick tenement, tin roof; cost, $12,000; owners, L. & J. Brandt, 1491 Third Ave.; architect, John Brandt, 1491 Third Ave.

West Nineteenth St., Nos. 508-510, 2 five-st'y brick tenements, tin roofs; cost, $14,000; owner, Wm. E. Keys, 45 East Fifty-ninth St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Ninety-sixth St., n s, 175′ e Third Ave., 9 five-st'y model tenements; cost, $200,000; owners, East Side Building Association; architects, Cady, Berg & See.

Second Ave., s w cor. Eighty-ninth St., 5 five-st'y brick and stone tenements; cost, $90,000; owner, James Higgins; architects, A. B. Ogden & Son.

One Hundred and Fifty-fourth St., n s, 175′ e Courtland Ave., four-st'y brick tenement, tin roof; cost, $8,000; owner, Adolph Attman, 629 East One Hundred and Fifty-fourth St.; architect, William Kusche, 633 East One Hundred and Thirty-ninth St.

Providence, R. I.—*Wickenden St.*, n s, near Ives St., frame tenement; cost, $3,000; owner, Dennis Costigan.

Smith St., No. 250, rear, frame tenement; owner, Simon Buckley; builder, Chas. Phillips.

Manton Ave., No. 365, frame tenement; owner, Joseph D. Waterman.

WAREHOUSES.

Little Rock, Ark.—Fones Bros. will build a warehouse; cost, $8,000.

MISCELLANEOUS.

Grand Rapids, Mich.—The Masonic Home Association will this spring receive bids for the completion of their new building near this city; the foundation of which is now in; cost, abt. $30,000.

Fall River, Mass.—*Bedford and Second Sts.*, three-st'y building, 40′ x 52′; for the Massasoit National Bank; fireproof construction; first story to be occupied by the bank, and to have tiled flooring and mahogany finish, proposed steel-lined vaults; the upper stories for offices, and to be finished in ash; skylights and composition roofing; marble stairs and vestibule, plate-glass, steam-heating; building to be constructed of brownstone for first and second stories, and Perth Amboy brick for upper story; contract to be let; plans ready in a few days; architect, J. Merrill Brown, Boston.

Philadelphia, Pa.—On February 8, the Board of Prison Inspectors opened proposals for the building of Ward No. 6, the supply buildings, the rotunda, and the stack, and also to furnish and lay the railroad track inside the grounds at the new county-prison in Ward 23. A number of parties bid for each item specified. All were awarded to Charles McCaul, lowest bidder, which aggregated $159,853: Ward No. 6, $79,500; supply building, $61,800; corridor, $5,150; railroad track, $2,660. Highest bid aggregated $185,167.

North Second St., No. 14, four-st'y brick back building; contractor, J. Boyer, 2004 Diamond St.

North Eighth St., No. 25, two-st'y brick back building; owner, Harry C. Nichols, 1029 Filbert St.

Arch St., No. 827, one-st'y brick back building; owner, John S. Dickinson, 2308 St. Albans Pl.

Providence, R. I.—*Hills Wharf*, foot of Crary St., planing-mill; owners, Jas. A. Potter & Co.; builders, H. L. Bassett & Co.

COMPETITION.

$100 PRIZE OFFERED.—A prize of one hundred dollars is hereby offered for the best perspective drawing of model exposition grounds, showing therein a memorial hall, main, machinery, agricultural, live-stock and poultry buildings, race-track, grand stand, etc. The award will be made by a competent committee, and the prize promptly paid. All drawings must be received not later than March 15, 1889, and send to JNO. T. DICKINSON, Secretary International Fair Association, San Antonio, Tex.
687

PROPOSALS.

MINERS' HOSPITAL. [At Hazleton, Pa.]
Proposals will be received **up to March 1, 1889,** for the erection of a miners' hospital at Hazleton, Pa.
Plans and specifications can be seen by applying to Jas. E. Roderick, Esq., Markles Block, Hazleton, Pa.
687 E. L. BULLOCK, Secretary.

FURNITURE. [At Cincinnati, O.]
Sealed proposals will be received at the office of Clerk of the Board of Education, Public Library Building, **until 12 o'clock, noon, Monday, March 11, 1889,** for school furniture, castings, etc., for the remainder of the current school year, according to specifications on file in said office.
Each bid must contain the name of every person interested therein, and must be accompanied by a guaranty in the sum of $1,000 of some disinterested person, that if the bid is accepted a contract will be entered into and the performance of it properly secured.
Bids must be upon blank forms, to be obtained in the above office.
Bids must be plainly marked "Proposals for Furniture."
The Board reserves the right to reject any or all bids. SAMUEL WEIL, JR.,
689 Chairman Furniture Committee.

GATE HOUSE. [At Ardsley Gate House.]
AQUEDUCT COMMISSIONERS' OFFICE,
ROOM 209, STEWART BUILDING,
No. 280 BROADWAY, NEW YORK, Feb. 8, 1889.
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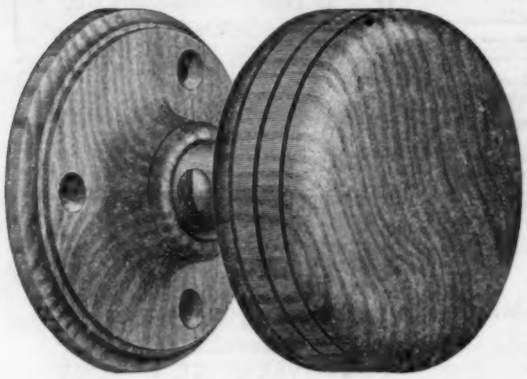

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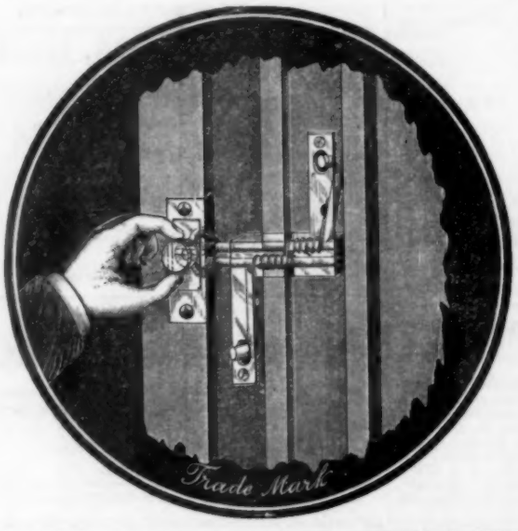

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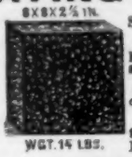

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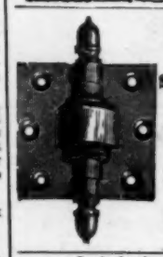

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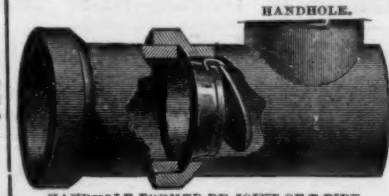

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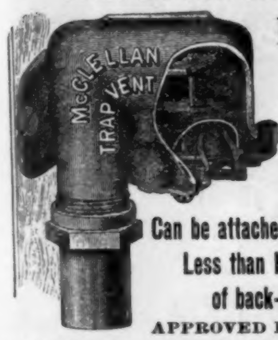

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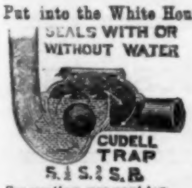

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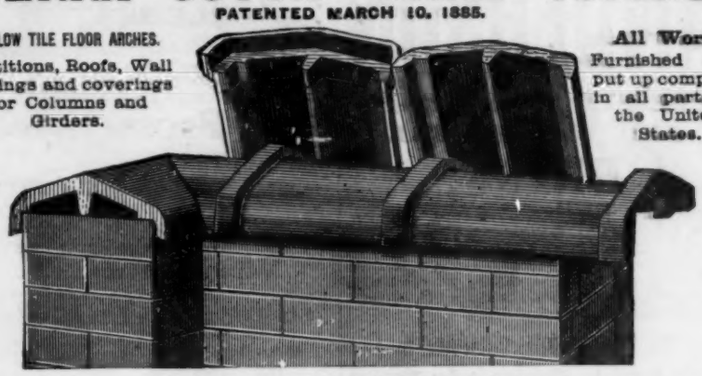

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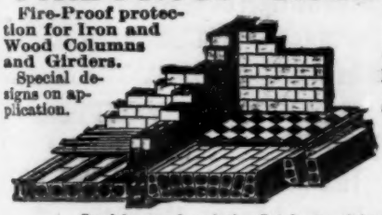

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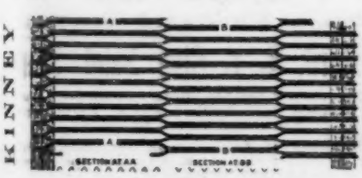

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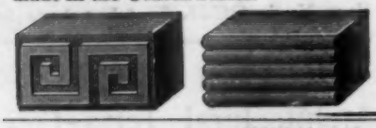

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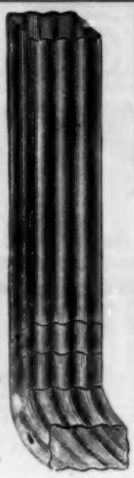

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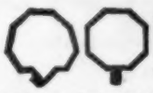

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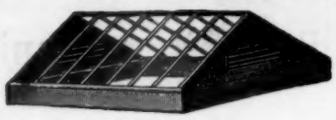

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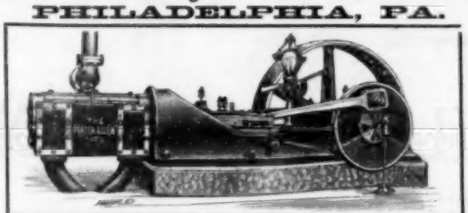

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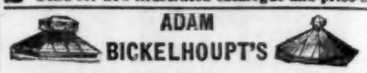

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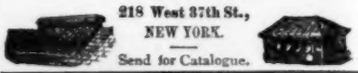

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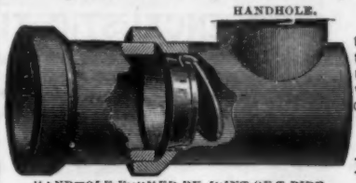

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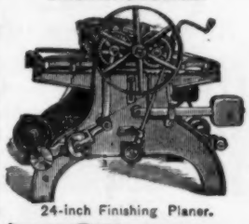
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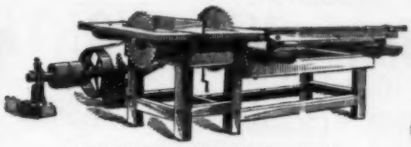
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" white	@ 70 00	50 00 @ 55 00	35 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 80 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 45 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	30 00 @ 75 00	45 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
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Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Medium "
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" dark	15 00 @ 16 00	40 00 @ 45 00		@ 15 00
" red	15 00 @ 16 00	Phila. mould		Dark "
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" " (Burham)	2 50 @ 2 80	@ 2 85	2 90 @ 3 15	2 50 @ 2 75
" " (White's)	2 65 @ 3 00	@ 2 85	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 35 @ 2 85	3 00 @ 3 50	3 00 @ 3 25	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	2 80 @ 3 15	2 50 @ 2 75
" " (Vorwohler)	2 50 @ 2 90		2 80 @ 3 15	Josson
" " (Lagerdofer)		*Not sold.*	2 75 @ 3 00	2 50 @ 2 75
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Roman	2 75 @ 3 00	@ 3 20	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	7 00 @ 7 50	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	11 00 @ 12 00	8 00 @ 9 00
Lime.				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime
Hydraulic Lime	@ 1 45	@ 1 35	55 @	25 @ 30 ₱ bush
Chicago Lime in bulk		St. John 1 00	60 @	White Mass
Wisconsin "			*Not sold.*	1 25 @ 150
Rockland and Rockport, (Com.)	@ 1 00	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish.	@ 1 20	@ 1 10	1 00 bulk, 75c.	
Kelley Island Lime, finish	@ 1 20	@ 1 20	*Not sold.*	*Not sold.*
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold*
State, finishing "	@ 1 10	*Not sold.*	1 85 @ 1 90	1 25 @ 2 25
Plaster of Paris (calcined.)	1 20 @ 1 25	1 85 @ 1 90	1 85 @ 1 90	1 75 @ 2 50
" (casting)	1 30 @ 1 35	@ 2 25	20 @ 25	22 @ 30
Hair (Cattle) ₱ bush	18 @ 21	25 @ 30	30 @ 35	30 @ 35
" (Goat)	25 @ 28	@ 30	@ 60	@ 1 50
Sand, ₱ load	1 00 @ 1 25	1 75 @ 1 90		
STONE. (₱ cubic foot, rough.)				55 @ 65
Granite: (Maine)	@ 60	@ 60		
Limestone:	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Bedford	@ 1 00		35 @ 55	Richmond
Joliet			35 @ 60	75 @ 1 50
Lemont			@ 1 00	4 50 ₱ Perch
Sarnia				

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BUILDING MATERIALS.

	New York. (Wholesale Prices.)	Boston. (Prices to Builders and Contractors.)	Chicago.	Philadelphia.
Foundation:				
Dimension	@	5 00 ℔ ton	20 @ 2	@ 5 00
Block	@	4 60 ℔ perch		Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 20
Planed	50 @ 6 00	75	50 @ 1 00	45 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		95 @ 1 16
Kibbe	@ 90	90 @ 1 10		
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst, Ohio	90 @ 95	90 @ 1 00	45 @ 50	
Berea, Ohio	75 @ 1 00	80 @ 90	45 @ 55	55 @ 1 00
Berlin, Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 40
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 00 @ 1 10
Caen	@	@ 2 00	"	1 25 @ 1 50
Carlisle, English	@ 1 05	80 @ 90		95 @ 1 10
Corse Hill (Scotch)	1 05			
Marble (℔ *cu. ft.*				
Lee, Mass.	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and Blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined	@	50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna	@	3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red	@	1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville	@	85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@		*Not sold.*	2 00 @ 3 00
Vermont, white	@	1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *squares*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
" " Chapmans	— @ —	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 00 @ 7 50	7 00 @ 9 50	@ 5 35
Tiles, Am. ℔ M.	@		*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil,* ℔ *lb.*)				
White lead, Am.	7 @ 7½	7 @ 7½	6½ @ 7½	7 @ 7½
" Zinc, "	5 @ 8½	7 @ 8	7 @ 10½	6½ @ 7
Red lead, Am.	6½ @ 7	7 @ 7½	6½ @ 7½	6½ @ 6½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. @ 60
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	@ 16
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" @ 24
Black, lamp,	15 @ 25	15 @ 25	8 @ 30	@ 15
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw) (℔ gal.)	57 @ 58	58 @ 60	57 @ 59	@ 59
" " boiled	60 @ 61	61 @ 63	60 @ 61	@ 64
Turpentine	49 @ 50	51 @ 54	50½ @ 51½	@ 53
Varnish, coach	@	1 80 @ 6 00	1 25 @ 2 00	@ 3 00
Shellac	@	2 50 @ 3 00	2 25 @ 4 00	@ 3 00
Putty	2 @ 4	2 @ 4	02 @ 02½	@ 2
Whiting (℔ *dry*)	75 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.)	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Litharge, Am.	5½ @ 6	5½ @ 6½	6½ @ 7½	6 @ 6½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	@ 14
Umber "	14 @ 20	14 @ 20	2 @ 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85		2 15 @	pr kg @ 2 10
10d. common	@ 2 60	@ 2 30	@ 2 25	@ 2 30
Shingle	@ 3 35	@ 2 80	@ 2 75	@ 3 40
Lath	@ 4 85	@ 3 70	@ 3 65	4 50 @ 5 50
Finishing nails according to size.)			Add .85 to $1.15	per ℔ 11 @ 14
(*For casing nails add 75c. per keg.*)			" .50 to .90	Add pr cask
Butts: 4"x 4" (℔ *doz. pairs.*)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 16
Japanned	@ 1 50	@ 1 75	*Not sold.*	1 75 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 75 @ 2 00
Ball Tip, Boston Finish. ℔ pair.	@ 65	@ 50	*Not sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 45
Brass (*of cupboards*)	@ 10	@ 10	@ 12	@ 1 00
Ebony				@ 35
Apple wood				37 @ 1 00
Knobs: (℔ *Set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hematite	*Not sold*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 1 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 %	22 @ 35
Sheet Lead		@ 6½		
Lead Pipe		@ 6		
Iron:				
I-Beams, up to and including 30 ft.	3 3-10 @ 3½	2 3-10 @ 3	@ 4	@ 2 8-10
I-Beams, over 30 ft. ½, ¼, ½ c. advance.			@ 4	@ 2 8-10
Channel-Beams	3 3-10 @ 3½	2 3-10 @ 3	@ 4	@ 2 8-10

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Read's Patent Harness Bracket.

An Article long wanted but never before made.

Holds the whole harness, takes no more room than the ordinary hook or peg, can be used for both single and double harness. Gives the harness-case a neat appearance, as it carries the harness up uniformly in width with the saddle, beside keeping the bridle and breastplate in their proper shape. They are neatly japanned, with gilt facings. Price $18 per dozen. Are now in use in over 100 first-class private stables in and about Boston.

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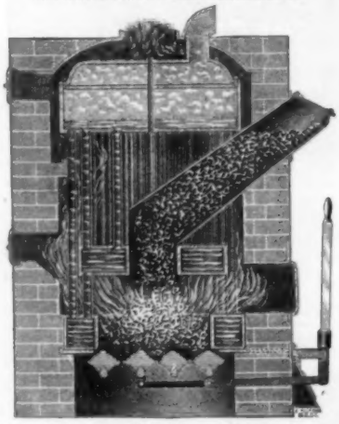

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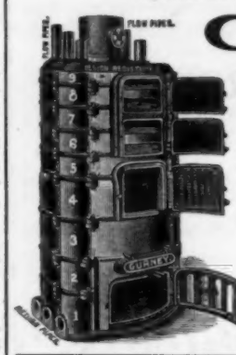

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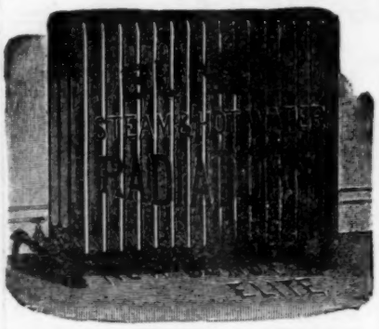

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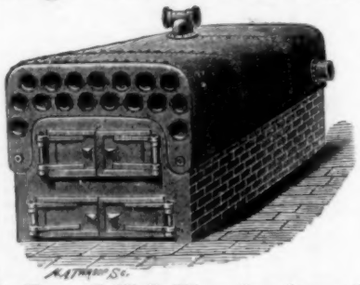

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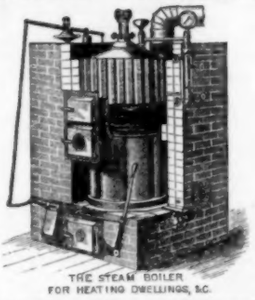

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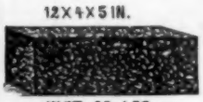

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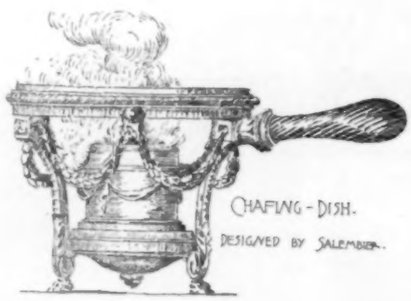

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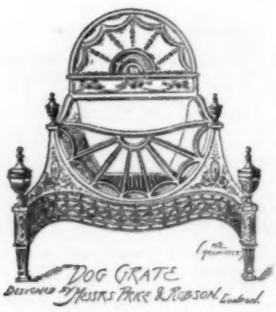

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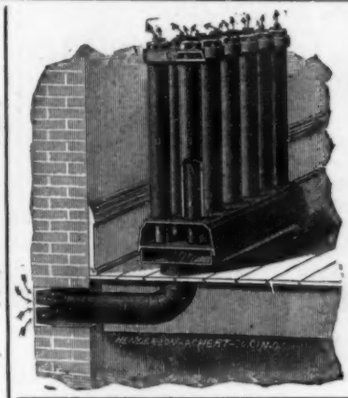

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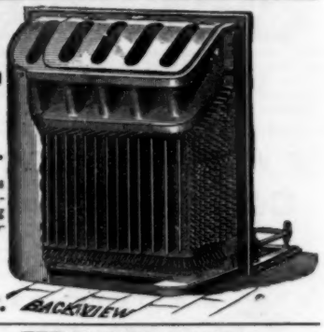

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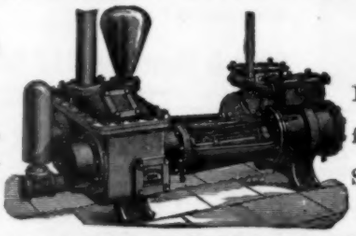

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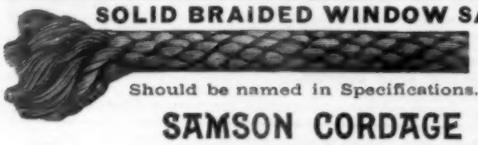

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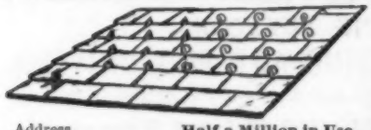

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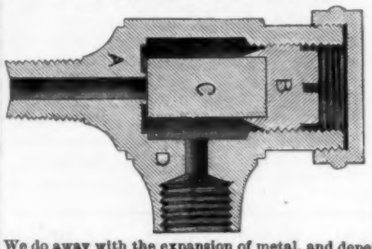

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ONE OF OUR OLDEST ADVERTISERS.

We ask attention this week for the advertisement of the Whittier Machine Co., on page iii. This firm first placed an advertisement in this journal, Oct. 14, 1876, and has kept it ever since that time before our readers. A glance at that page will show that although the widely celebrated elevators are the product with which architects everywhere are most familiar there are many other kinds of work in iron and steel in the execution of which this concern is equally expert.

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[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Boston, Mass.—*Washington St., Nos.* 619-625-627-631, remodel mercantile building, theatre and hotel; owners, F. B. Hayes estate.

West Broadway, No. 473, Ward 14, alterations to dwell. and store; owner, C. L. Whitman; builder, D. Lewis.

Beach St., No. 73, Ward 10, remodel front of brick dwell.; owner, J. C. Elms; builder, T. C. Low.

Tremont St., No. 488, Ward 16, repair fire damage to dwell. and store; owner, M. Wyzanski; builder, Chas. Burns.

Causeway St., No. 103, cor. Friend St., Ward 7, repair fire damage; owners, G. T. Blake & Co.; builder, J. W. Packer.

Washington St., cor. Poplar St., to Brandon St., near South St., Ward 15, alter frame engine-house to stable; owners, Whittemore & Son; builders, I. Blair & Co.

BUILDING INTELLIGENCE.

Brooklyn, N. Y.—*Fulton St., Nos.* 539-541, one-st'y extension, tin roof, interior alterations; cost, $6,000; lessee, Jas. H. Hart, Fulton St., cor. Johnson St.; architect, M. Thomas; builders, J. Thatcher and Morris & Selover.

Chicago, Ill.—J. Furhman, two-st'y addition, Springer St.; cost, $3,000; architect, J. Rozinski.

W. M. Le Moyne, two-st'y addition, La Salle St.; cost, $10,000; architect, L. G. Haiberg.

Philadelphia, Pa.—*Thirty-eighth St.*, n Chestnut St., the Protestant Episcopal Church of the Saviour by the plans being prepared by the architect, Charles M. Burns, Jr., will be nearly doubled in size. The improvements will be the extension of the edifice to the street line, a further distance of 60 feet, making the building 144 feet deep. A tower at the north side of 20 square feet, reaching a height of 130 feet, to contain a loggia belfry for a chime of bells. An open porch protected by a massive arched gateway on the south, giving the church a width of 75 feet. There will be an addition of 68 pews in the body of the church and 110 in the gallery. The total seating capacity will be 917. A new gallery will take place of the old one. Lombardian-Venetian type will be the style of architecture. The cost will be between $50,000 and $60,000.

North Ninth St., No. 235, brick back building for D. Gleason, 1009 Arch St.; builder, C. M. Gault.

BUILDING INTELLIGENCE.

East Huntingdon St., No. 2428, back building for Joshua Bush, 2532 Cedar St.

Passyunk Ave., No. 1341, one-st'y brick back building; builder, John H. Smith, 1028 Cross St.

Hanover St., s w cor. Girard Ave., two-st'y addition to back of brick building; owner, Charles R. Wildey, 1338 Marlborough St.

North Thirteenth St., No. 20, one-st'y brick back building; carpenters, McKee Bros., rear 19 South Thirteenth St.

APARTMENT-HOUSES.

Chicago, Ill.—F. Schroeder, three-st'y flats, Thirty-seventh St.; cost, $4,000; architect, L. H. Heins.

C. Kreger, two-st'y flats, Napoleon Pl.; cost, $4,000; architect, E. W. Bargerbush.

A. W. Hutchins, 2 two-st'y flats, Nineteenth St.; architect, J. Cassell.

McGraw & Muller, 2 three-st'y flats, Dearborn St.; cost, $5,500; architect, E. R. Krause.

R. Iverson, two-st'y flats, Claremont St.; cost, $3,500; architect, J. McGrath.

P. J. Cook, two-st'y flats, Dearborn St.; cost, $3,500; architect, Schmidt.

Jas. Keenor, three-st'y flats, Wentworth Ave.; cost, $7,000; architect, R. G. Pentecost.

J. Wisniconzki, three-st'y flats, West Seventeenth St.; cost, $2,500; architect, C. Gonski.

H. Lense, owner and architect, three-st'y flats, Ullman St.; cost, $7,500; three-st'y flats, same street; cost, $4,300.

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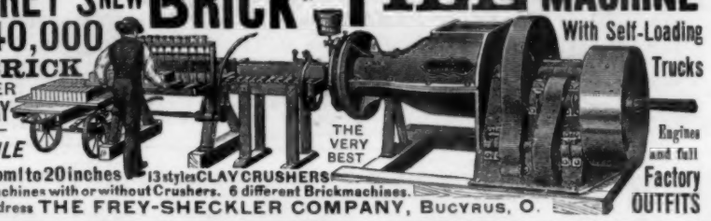

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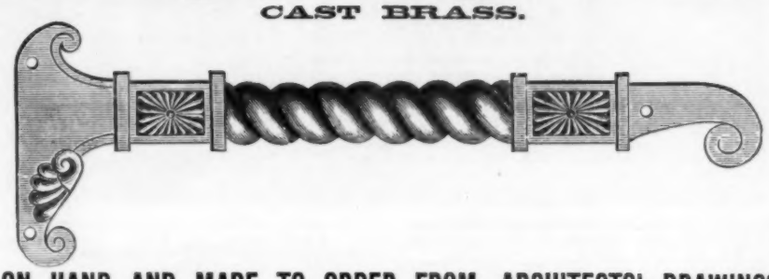

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E. Mickleson, two-st'y flats, Seymour St.; cost, $2,700; architect, S. J. Back.

H. Rumsfield Ave., five-st'y flats, North Market St.; cost, $22,000; architect, F. Farhinger.

V. Motzcka, three-st'y flats, Throop St.; cost, $4,000; architect, H. Olzwki.

J. Wiesezimak, two-st'y flats, Webster Ave.; cost, $3,000; architect, J. Piatkiewitz.

F. Kubieck, three-st'y flats, Paulina St.; cost, $3,800; architect, A. Bessler.

K. Vizal, two-st'y flats, Wallace St.; cost, $2,800; architects, J. Waska & Sons.

C. Cark, three-st'y flats, West Madison St.; cost, $5,000; architect, J. C. Zarbell.

New York, N. Y.—*Second Ave.*, s e cor. Ninety-third St., five-st'y brick flat, tin roof; cost, $25,000; owner, John Lowden, 55 East Ninety-first St.; architect, David Hepburn, 547 Broome St.

Second Ave., e s, 20′ s Ninety-third St., 4 five-st'y brick flats, tin roofs; cost, $80,000; owner, John Lowden, 55 East Ninety-first St.; architect, David Hepburn, 547 Broome St.

Lenox Ave., n e cor. One Hundred and Thirty-third St., 4 five-st'y brick flats, tin roofs; cost, $80,000; owners, Hollister & Friedline, 214 East Forty-seventh St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Madison St., No. 87, five-st'y brick flat, tin roof; cost, $24,000; owner, Isaac Gelles, 138 Henry St.; architects, Herter Bros., 191 Broadway.

Willis Ave., e s, One Hundred and Thirty-fourth to One Hundred and Thirty-fifth Sts., 8 five-st'y brick flats, tin roofs; cost, $126,000; owner, Frederick Rohrs, 302 East One Hundred and Twenty-sixth St.; architect, James Barrett, 244 East One Hundred and Twelfth St.

Ninth St., s s, 230′ w Avenue C, 4 five-st'y brick flats, tin roofs; cost, $72,000; owners, C. & A. Ruff, 56 Norfolk St.; architects, Kurtzer & Rohe, cor. Third Ave. and Seventh St.

[*Continued on page* xvi.]

Comments of the Press on a New Book

By MERCHANT & CO.

ENTITLED:

"A TIN ROOF."

A Valuable Book.

UNDER the title "*A Tin Roof*," Messrs. Merchant & Co., Philadelphia, have published a valuable work on the subject of roofing materials. No architect can afford to be without the book, as it treats very fully on a subject with which he should be conversant. The book has been compiled by one thoroughly versed in the subject of tin roofing, and it touches on different features of the subject which have heretofore never been published, and it is to be questioned whether the information could be obtained by architects from the roofing trade. The closing paragraph of the book is as follows: "We are prepared to prove that we were the first to introduce guaranteed plates and stamp every sheet with the name of the brand and thickness; and having also done away with the imperfect or waste sheets to further protect architects (who wish to specify and property owners who want to use the best), we feel that we have a right, under these circumstances, to ask that our guaranteed brands shall not be specified along with other brands in the market, which are inferior in quality, coating, weight and assortment." Architects throughout the country will do well to secure a copy of the book, which can be done by addressing Merchant & Co., Philadelphia.—*Philadelphia Evening Call*, February 18, 1889.

Something Worth Reading.

"*A Tin Roof*" is the title of a little book just issued by Messrs. Merchant & Co., 517 Arch Street, Philadelphia. The purpose of the publication is to supply to builders, architects, and the general public some exact information as to the best methods of constructing a tin roof and as to the right materials to be used to secure satisfactory and permanent results. We especially recommend the book, which is intended for gratuitous distribution, to mill-owners. They are very apt to entrust the matter of roofing wholly to builders, and they usually know very little about the character of the tin used or the excellence or defectiveness of the job. This pamphlet will help them to protect their interests. It is very explicit, perfectly comprehensible, and we think wholly trustworthy. It is quite profusely illustrated, and the cuts indicate processes of applying tin-roofing which insure excellence.—*Philadelphia Telegraph*, February 16, 1889.

MESSRS. MERCHANT & CO., of Philadelphia, are about to issue a work on the subject of tin roofing for the benefit of architects, which they have had compiled at considerable expense and labor by one thoroughly versed in the subject of tin roofing. It touches on different features of the subject which have heretofore never been published. While this work is issued partly as an advertisement of their guaranteed plates, it will be found to contain very valuable information. It is for distribution to those who want the information, though it is not their purpose to send it out broadcast, as it is too valuable a work in itself to go into the waste basket. The book will be nicely bound, and the title will be "*A Tin Roof*." Messrs. Merchant & Co., have done all in their power to bring about the use of a better class of material, and were the first to introduce plates every sheet stamped with the brand and thickness, and as the doing away with the wasters, or imperfect sheets, has been the cause of great loss of profit to this concern, in their determination to keep faith with the architectural profession, they find that in some cases even leading architects are to-day simply using their brands as a figure-head, and are inserting in their specifications not only cheaper brands than theirs, but brands the wasters of which can be obtained and will be used. Consequently they have now taken the stand to simply ask the architect to drop their brands entirely if they are to be used with inferior goods, as they do not care to be held responsible by their clients when the roof proves inferior by reason of the use of cheaper material than they offer to the public.—From *Manufacturers' Record*, Baltimore, of February 9, 1889.

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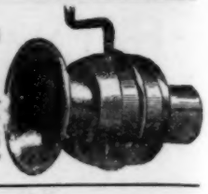

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BUILDING INTELLIGENCE.

Perry St., Nos. 24-26, 2 five-st'y brick flats, tin roofs; cost, $34,000; owner, Jacob Ruess, 159 Suffolk St.; architect, William Graul, 215 Bowery.

Ninety-second St., s s, 150′ e Fourth Ave., 2 five-st'y brick flats, tin roofs; cost, $36,000; owner, Nicholas J. Reville, 35 Sutton Pl.; architect, Ewd. Wenz, 1491 Third Ave.

One Hundred and Fifteenth St., s s, 100′ e Fifth Ave., five-st'y brick flats, tin roofs; cost, $15,000; owner, Henry Hawks, 2369 Eighth Ave.; architect, John C. Burne, 1531 Third Ave.

Fifth Ave., s e cor. One Hundred and Fifteenth St., five-st'y brick flat, tin roof; cost, $28,000; owner, Henry Hawkes, 2369 Eighth Ave.; architect, John C. Burne, 1531 Third Ave.

Ninety-seventh St., s s, 100′ e Tenth Ave., 3 five-st'y brick flats, tin roofs; cost, $54,000; owners, Slingerlandt & Maudermaker, 1903 Tenth Ave.; architect, E. L. Angell, 94 Liberty St.

Willis Ave., w s, bet. One Hundred and Thirty-fourth and One Hundred and Thirty-fifth Sts., 10 five-st'y buff brick, terra-cotta and Euclid stone apartments; cost, $180,000; owners, Cavenato Bros.; architect, J. C. Burne.

West Fourth St., Nos. 220-222, five-st'y brick, stone and terra-cotta apartment; cost, $46,000; owner, Asher Weinstein; architects, Herter Bros.

St. Louis, Mo.—Two adjacent two-st'y and mansard brick flats; cost, $5,000; owner and contractor, H. Miller; architect, A. Mouschein.

Two-st'y and mansard brick flat; cost, $6,000; owner, F. E. Jones; architects, J. Stewart & Co.; contractor, L. L. Barlow.

Two-st'y brick flat; cost, $3,000; owner, W. Barnard; sub-let.

Two-st'y brick flat; cost, $3,200; owner, E. Streck; architect, H. E. Piepers; contractor, S. Goebel.

Two-st'y brick flat; cost, $6,750; owner, C. K. Aufderheider; architect, O. J. Wilhelm; contractors, E. Henner & Bro.

Two-st'y and mansard brick flat; cost, $6,475; owner, J. Rosche; architect, A. Mouschein; contractors, E. Henner & Bro.

BUILDING INTELLIGENCE.

Two-st'y brick flat; cost, $2,500; owners, Cook & Casey.

CHURCHES.

Baltimore, Md.—Site has been purchased at North and Druid Hill Aves., on which to build a building for the Reform Church.

Brooklyn, N. Y.—*Georgia Ave.*, e s, 100′ Fulton Ave., one-st'y frame church, slate roof; cost, $5,000; owners, East New York Home Association; builder, G. Distler; architect, F. Holmberg.

New York, N. Y.—*Tenth Ave.*, w s, bet. Ninety-sixth and Ninety-seventh Sts., a church edifice is to be built for the Church of the Holy Name of Jesus, of which the Rev. James M. Gilligan is Rector.

St. Nicholas Ave., w s, bet. One Hundred and Seventeenth and One Hundred and Eighteenth Sts., the Free Episcopal Church of the Archangel propose to build a new church.

FACTORIES.

New York, N. Y.—*West Thirty-first St., No.* 131, five-st'y brick factory, tin roof; cost, $12,000; owner, T. J. Duffy, 131 West Thirty-first St.; architect, M. C. Merritt, 1267 Broadway.

First Ave., No. 1075, two-st'y brick workshop, tin roof; cost, $3,000; owner, George Schmeckenbecher, 430 Fifth Ave.; architect, Charles Dahlhamer, 846 First Ave.

St. Louis, Mo.—Four-st'y brick factory; cost, $13,000; owner, M. Bergin; architect, C. C. Helmers, Jr.; contractors, Johnson & Co.

HOTELS.

Baltimore, Md.—Pittsburgh (Pa.) parties contemplates building hotel and apartment house at North Ave. and Oak St.

Hot Springs, Ark.—Parties from Minneapolis and St. Paul, Minn., together with Geo. W. Baxter, Esq., are to build a hotel 25′ front with two 100′ wings; cost, abt. $150,000.

Radford, Va.—Hotel for Radford Hotel Co.; cost, $50,000.

BUILDING INTELLIGENCE.

HOUSES.

Baltimore, Md.—Henry & R. Laupheimer, three-st'y brick building, s s Little McElderry St., w Aisquith St.

Albert L. Mahone, 12 two-st'y brick buildings, s w cor. Baker and Mount Sts.; 9 two-st'y brick buildings, w s Mount St.; and 11 two-st'y brick buildings, e s Bruce Alley.

Jacob Saum, 19 three-st'y brick buildings, s e s Andre St., bet. Beason and Clement Sts.

Geo. Kinnear, Sr., three-st'y brick building, s s McElderry St., w Aisquith St.

Chas. L. Schirmer & Co., 2 two-st'y brick buildings, s e cor. Dillon and Robinson Sts.

Chas. L. & Jas. S. Clark, 10 three-st'y brick buildings, w s Broadway, beg. n w cor. Lanvale St.

Henry S. Rippel, two-st'y frame dwell., w s Pimlico Ave., e Reisterstown Turnpike.

Walter W. Watts, 6 two-st'y brick buildings, s s 20-ft. Alley, n North Ave., bet. Linden Ave. and Bolton St.

Boston, Mass.—*South St.*, near Childs St., Ward 23, 2 three-st'y frame dwells., flat roofs, 20′ 6″ x 47′; owners and builders, Swanson & Murray.

Beethoven St., Nos. 6-8, Ward 23, two frame dwells., mansard roofs, 17′ x 54′; owner, Mrs. M. P. Curtis; builder, C. A. Russell.

Clifford St., near Canterbury St., Ward 23, frame dwell., 20′ x 36′; owner, A. A. Ward; builder, R. W. Stevens.

Dorchester Ave., No. 1169, Ward 24, three-st'y frame dwell., flat roof, 24′ x 38′; owner, P. F. Dolan; builder, J. D. Boyd.

Dorchester Ave., Nos. 1171-1173, Ward 24, three-st'y frame dwell. and store, flat roof, 24′ x 38′; owner, P. J. Dolan, builder, J. D. Boyd.

Western Ave., cor. Hubbard St., near Harvard St., Ward 25, frame dwell., 22′ x 38′; owner and builder, Peter A. Hughes.

Everton St., near Geneva Ave., Ward 24, frame dwell., 22′ x 40′ 6″; owner, E. A. W. Wales; builder, E. F. Moulton.

Newbury St., bet. Charles Gate, e, and Back Bay, 2 three-st'y brick and stone dwells., 27′ 6″ x 44′, four rooms to each floor; owner and builder, Thos. R. White; architects, Joseph R. and William P. Richards.

Chelsea St., No. 212, Ward 1, three-st'y brick dwell., flat roof, 24′ x 33′; owner and builder, Frank Finn.

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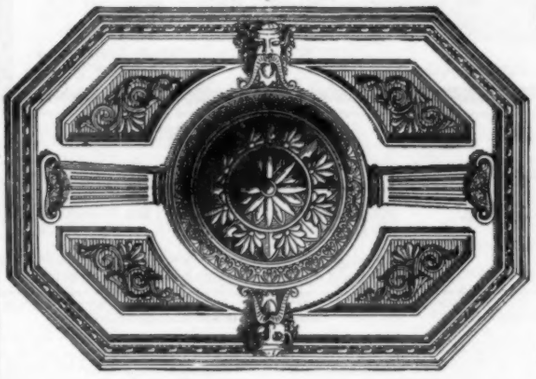

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Bow St. Ct., near Bow St., Ward 5, three-st'y frame dwell., flat roof, 24′ x 45′; owner, J. T. Callahan; builders, Mahoney & Keller.

Bradbury St., near Mansfield St., Ward 25, frame dwell., 21′ 6″ x 40′; owner, A. H. Norcross.

Ashley St., near Ford St., Ward 1, frame dwell., 26′ x 32′; owner, G. B. Perroni; builder, E. J. Turner.

Bradbury St., near Mansfield St., Ward 25, frame dwell., 14′ x 45′; owner, A. H. Norcross.

Buffalo, N. Y.—*Richmond Ave.*, dwell.; cost, $7,000; owner, Robert Dempster; builder, Henry Smith.

Main St., near Barker St., dwell.; owner, C. Weyand; architect, G. J. Metzger.

Lexington Ave., dwell.; cost, $4,000; owner, Mrs. Brush; architects, Falkner & Johnson.

North Pearl St., parsonage; cost, $5,000; owner, J. H. Griffith, Pastor; architects, Falkner & Johnson.

Twelfth St., dwell.; cost, $3,500; owner, J. H. Caldwell.

Camden, N. J.—*Broadway, No.* 219, a large three-st'y dwell. for William T. White. The building to be of Long Meadow brownstone from pavement to bottom of second story windows; to top of third story windows, brick; stone trimmings, finishing above with a large stone gable, tile roof, dormer windows, 20′ x 60′; ground to be 100 feet deep; architect, Frank E. Mead, 35 North Third St.

Grand Rapids, Mich.—Mr. A. F. Godfrey will build a veneered brick dwell.; cost, abt. $5,000; architect, S. J. Osgood.

New York, N. Y.—*Irving Pl.*, s e cor. Sixteenth St. four-st'y brick and brownstone dwell.; cost, $50,000; owner, Wm. Ottmann; architects, Baker, Kent & Ely.

One Hundred and Forty-sixth St., s w cor. St. Nicholas Ave., 15 three and four st'y dwells.; owner, Hugh M. Reynolds.

One Hundred and Sixteenth St., s s, bet. Second and Third Aves., 5 three-st'y brownstone dwells.; cost, $32,500; owner, Catherine Fagan; architects, Cleverdon & Putzel.

Eighty-seventh St., s s, 200′ w West End Ave., 5 three-st'y brick dwells., tin roofs; cost, $70,000; owner, W. E. Lanchantin, 377 Sixth St., Brooklyn, N. Y.; architect, F. A. Minuth, 822 Broadway.

Seventy-fourth St., n s, 287′ w Eighth Ave., four-st'y brick dwell., tin roof; cost, $35,000; owner, Frederick Aldhouse, 513 Lennox Ave.; architect, John C. Burne, 1531 Third Ave.

Seventy-fourth St., n s, 306′ w Eighth Ave., four-st'y brick dwell., tin roof; cost, $31,000; owner, Frederick Aldhouse, 513 Lennox Ave.; architect, John C. Burne, 1531 Third Ave.

Seventy-fourth St., n s, 328′ w Eighth Ave., four-st'y brick dwell., tin roof; cost, $21,000; owner, Frederick Aldhouse, 513 Lennox Ave.; architect, John C. Burne, 1531 Third Ave.

Ninety-third St., n s, 300′ e Tenth Ave., 8 three-st'y brick dwells., tin roofs; cost, $96,000; owner, Wm. S. Mercer, 31 West Sixtieth St.; architect, F. G. Butcher, 6 Wall St.

Philadelphia, Pa.—*McKean St.*, n s, bet. Fourth and Fifth Sts., 16 brick dwells.; owners, Ross & Lilly, 1018 Snyder Ave.

Dexter Ave., w s, bet. Grand and Lyceum Aves., two Gothic stone dwells; owner, Hannah J. Omensetter, Roxborough, Pa.

Leverington St., n s, e Ridge Ave., Gothic stone dwell.; owner, Hannah J. Omensetter, Roxborough, Pa.

It is said that Mrs. Omensetter proposes to build 15 dwells.; cost, $60,000; architects, J. H. Hobbs & Son, 520 Walnut St.

Freeland Ave., s e Wissahickon Ave., three-st'y brick dwell.; owner, A. A. Harmer, Freeland and Wissahickon Aves., Roxborough, Pa.

Mascher St., w s, n Berks St., four brick dwells.; owner, Anthony M. Hoffman, 1520 North Second St.

Vine St., s s, e Sixtieth St., two-st'y brick dwell.; owner, Isaac Seales, 2519 North Twenty-third St.

Cabot St., No. 2656, two-st'y six-room dwell.; owner, Edward Eugene Devlin, 2667 Almendo St.

Providence, R. I.—*Pleasant St.*, e s, near Padelford St., frame dwell.; cost, $3,500; owner, Alex. McCabe; builders, Wm. Gilbane & Bro.

Vandewater St., n s, frame dwell.; owner, Thos. Lyons; builder, J. H. Hutchinson.

Pleasant St., e s, near North Main St., frame dwell.; owners, Henry Jackson and wife; cost, $2,500; builder, C. A. Phillips.

Ives St., frame dwell.; owner, J. H. Cronin.

Barker St., e s, near Atwell's Ave., frame dwell.; cost, $2,100; owner, John Donnelly.

St. Louis, Mo.—Two-st'y brick dwell.; cost, $4,000; owner, Fannie Schiele; contractor, Jno. Asper.

Two-st'y brick dwell.; cost, $3,500; owner, L. Mortfeld.

Two-st'y brick dwell.; cost, $3,800; owner, E. O'Brien; contractor, T. Roach.

Three one-st'y and mansard brick dwells.; cost, each, $2,000; owner, Geo. M. Keeley; contractor, E. P. Dickson.

Two-st'y brick dwell.; cost, $8,500; owner, H. F. Mueller; architect, C. F. May; contractor, Henry Drees.

Two-st'y and mansard brick dwell.; cost, $4,000; owner, M. H. Kessler; architect and contractor, F. Offerman.

Two-st'y brick dwell.; cost, $4,000; owner, H. Weber; architect and contractor, T. F. Marley.

Two adjacent two-st'y brick dwells.; cost, $4,935; owner, E. P. V. Retter; architect, A. P. Hyatt; contractor, D. Evans.

Two adjacent two-st'y brick dwells.; cost, $4,600; owner, W. H. McClain; contractor, J. H. Bowler.

Two-st'y brick dwell.; cost, $4,000; owner, Jno. Wehmueller; contractor, H. Drees.

Two-st'y and mansard brick dwell.; cost, $4,000; owner, F. C. Higgins; architect, F. Brown; sub-let.

Two adjacent two-st'y and mansard brick dwells.; cost, $6,000; owner, M. Bischoff; architects and contractors, Paulus & Wiedemueller.

Two-st'y brick dwell.; cost, $3,500; owner, E. O. Ross; architect, B. J. Givens; contractor, J. P. Riechers.

Two-st'y and mansard brick dwell.; cost, $4,500; owner, H. Hortsman; architect, H. C. Brinkmeyer; contractor, J. P. Riechers.

Two-st'y and mansard brick dwell.; cost, $4,500; owner, M. E. Wright; architect, J. B. Legg; contractors, T. H. Busey & Co.

Two-st'y and mansard brick dwell.; cost, $3,300; owner, J. Kiesel; contractor, F. Muller.

OFFICE-BUILDINGS.

Fort Worth, Texas.—Armstrong & Messer, architects, are preparing plans for an eight-st'y office-building.

SCHOOL-HOUSES.

Auburn, Ala.—Main building for the Agricultural and Mechanical College; cost, $25,000; contractor, James Smith, Sparta, Ga.

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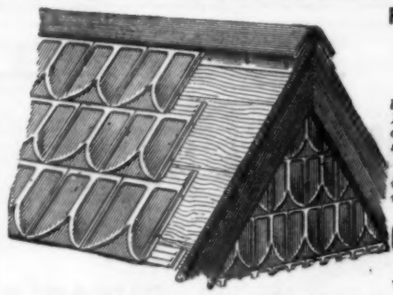

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BUILDING INTELLIGENCE.

Dallas, Texas.—The Board of Trustees of Oak Cliff Female Institute will build a four-st'y brick and stone building; cost, abt. $200,000; plans are invited.

Frankford, Pa.—*Paul and Unity Sts.*, brick schoolhouse; builders, R. C. Ballinger & Co., Keystone Bank Building, room 24.

Marion, Ala.—New building for Judson Female Institute; cost, $57,000; contractors, J. Black & Son.

Wheeling, W. Va.—The city authorities are to have built a twelve-room school-building.

STABLES.

Boston, Mass.—*Albany St., No.* 506, Ward 17, three-st'y frame stable, flat roof, 36′ x 48′; owners and builders, W. L. Leatherbee & Son.

East Sixth St., No. 548, rear, Ward 14, frame stable, 20′ x 30′; owner, P. H. Conley.

Perrin St., rear, cor. Moreland St., Ward 21, two-st'y frame stable, 30′ x 50′; owner and builder, H. Clapp.

Birch St., rear, near Corinth St., Ward 23, frame stable, 16′ x 18′; owner, Mary Jordan; builder, F. W. Jordan.

Philadelphia, Pa.—*Gransback St., No.* 3010, two-st'y brick stable; owner, Robert Studholme, 1516 North Eighth St.

STORES.

Buffalo, N. Y.—*William and Fillmore Aves.*, store and office-building; cost, $20,000; owner, Jacob Dold; architect, G. J. Metzger.

Connecticut St., store and flats; owner, Geo. E. Zeller; architect, S. A. Bishop.

New York, N. Y.—*Eighth Ave., Nos.* 539-541, six-st'y brick store-building, tin roof; cost, $40,000; owner, P. J. Andrews, 1136 Third Ave.; architect, John H. Friend, 163 East One Hundred and Thirteenth St.

Sheridan Ave., e s, 720′ s One Hundred and Sixty-first St., one-st'y brick store-building, peak, iron, with standing-lock joints, roof; cost, $20,000; owners, N. Y. Central & H. R. R. R., Grand Central Depot; architect, Walter Katte, Grand Central Depot.

William St., No. 116, six-st'y brick store, tin roof; cost, $12,000; owner, Francis Vianest, 33 Herkimer St., Brooklyn; architect, Emile Grueve, 56 South Washington Sq.

One Hundred and Twenty-fifth St., Nos. 144-146, four-st'y brick store-building, tin roof; cost, $35,000; owner, Archibald Russell, 257 Madison Ave.; architects, Renwick, Aspinwall & Russell, 71 Broadway.

Philadelphia, Pa.—*Twenty-third St.*, n w Jefferson St., two-st'y store and brick workshop; builder, John S. Ruff, 619 Cherry St.

South St., Nos. 2119-2121, three-st'y brick store; owner and builder, William T. Fogg, 1604 Vine St.

Arch St., No. 806, four-st'y brick and iron store; builders, William C. McPherson & Sons, 325-327 Cherry St.

St. Louis, Mo.—Two-st'y and mansard brick store and rooms; cost, $4,200; owner, L. Quick; architect, C. F. May; contractor, F. Warning.

BUILDING INTELLIGENCE.

TENEMENT-HOUSES.

Brooklyn, N. Y.—*Thirteenth St.*, s s, 72′ w Fourth Ave., 7 three-st'y brick tenements, tin roofs; cost, each, $5,000; owners, Wm. H. Norris and Wm. Bowers, 282 Thirteenth and Fenimore Sts., Flatbush; architect and contractor, W. H. Norris.

New York, N. Y.—*West Twenty-fifth St., No.* 359, five-st'y brick tenement, tin roof; cost, $12,000; owner, Miles Tierney, 361 West One Hundred and Twenty-fourth St.; architect, James M. Farnsworth, 47 West Forty-second St.

St. Louis, Mo.—Two-st'y and mansard brick tenement; cost, $4,900; owner, Louis Kuhs; architect, C. F. May; contractor, Geo. Boettinger.

Two-st'y and mansard brick tenement; cost, $3,500; owner, Thos. Sculley; contractors, Schildman & Becker.

Two-st'y and mansard brick tenement; cost, $2,900; owner, M. Birkenmeier; contractor, J. Walschauser.

WAREHOUSES.

Chicago, Ill.—Chicago Cottage Organ Co., three-st'y warehouse, West Twenty-second St.; cost, $15,000.

Davis & Rankin, six-st'y warehouse, West Lake St.; cost, $60,000; architect, C. L. Stiles.

J. D. Parker, four-st'y warehouse, Kinzie St.; cost, $10,000; architects, J. M. Van Osdel & Co.

New York, N. Y.—*One Hundred and Seventh St.*, n s, 213′ e First Ave., four-st'y brick and stone warehouse; owners, J. Reeber's Sons; architects, Cleverdon & Putzel.

St. Louis, Mo.—Four-st'y brick warehouse; cost, $15,000; owner, Flora Shipkey; architect, Wm. J. Gains; contractor, Wm. Daman.

MISCELLANEOUS.

Belair, Md.—The Harford National Bank will build a building; architect, Geo. Archer, Baltimore.

Boston, Mass.—*North Russell St.*, four-st'y brick and stone building, flat roof, 37′ x 61′, for Odd Fellows Association; public hall in second story; contract to be let; architects, Joseph R. and William P. Richards.

New York, N. Y.—*Alexander and Third Aves, and One Hundred and Forty-second St.*, large building for a public hall, lodge-rooms, and stores; cost, $125,000; owner, Senator Cauldwell; architect, Charles Baxter.

Philadelphia, Pa.—*Fairhill St., No.* 2206, one-st'y brick engine-room; owner, Wm. Tecklenberg, 1614 Cadwallader St.

Market St., No. 3903, one-st'y brick carriage-house; owner, James G. Wambold, 3001 Market St.

Providence, R. I.—The bids have been opened for the building for the Providence Young Men's Christian Association, and the contract has been awarded to Messrs. Cutting and Bishop, Worcester, Mass. The building will be one of the finest owned by the Association in this country, and will be located at the cor. of Westminster and Jackson Sts.; architects, Stone, Carpenter & Willson.

BUILDING INTELLIGENCE.

The contract for the pedestal for the Doyle Monument has been awarded to the Granite Railway Co., Boston, Mass. The work is to be executed in polished Quincy granite from designs by Stone, Carpenter & Willson, architects; cost, $2,900. The statue is of bronze, by H. H. Kitson, sculptor, Paris, and has been successfully cast under his superintendence, and will probably be dedicated in June.

PROPOSALS.

PROPOSALS FOR DREDGING.—United States Engineer Office, Cleveland, O., February 9, 1889. Sealed proposals, in duplicate, will be received at this office until 12 o'clock M., on Saturday, the 9th day of March, 1889, and then opened, for excavating 920,000 cubic yards, more or less, of material from Maumee Bay along line of proposed straight channel for Toledo Harbor, O. Preference will be given to materials and plant of domestic production or manufacture, conditions of quality and price (import duties included) being equal. The attention of bidders is invited to Acts of Congress approved February 26, 1885, and February 23, 1887, Vol. 23, page 332, and Vol. 24, page 414, statutes at large. All information can be obtained at this office. The United States reserves the right to reject any or all proposals. L. COOPER OVERMAN, Major of Engineers. 689

CLUB-HOUSE, [At Memphis, Tenn.]

Sealed proposals will be received by D. J. McComb, Secretary of the Amateur Athletic Building Company, Memphis, Tenn., **until 2 o'clock** P. M., **on the 7th day of March, 1889.**

Also by Edbrooke & Burnham, architects, 184 Dearborn Street, Chicago, Ill., **until 2 o'clock** P. M., **on the 5th day of March, 1889,** for labor and material required in the erection and completion of the clubhouse, 70′ 0″ x 148′ 9″ in size and four stories in height, for the Amateur Athletic Association to be erected in the city of Memphis, State of Tennessee, in accordance with plans and specifications on file at each of the above named places.

Bids will be received on any one or more branches of the work, or upon the building complete.

All bids shall be itemized and made out on blank forms furnished by the architects to intending bidders, and such bids shall be placed in sealed envelopes

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PROPOSALS.

and signed by the bidder, and addressed either to the Secretary of the Building Company or the architects, and endorsed proposal for (stating what branch or branches, or the whole works therein included) of the Amateur Athletic Association Club-House, Memphis, Tenn.

Successful bidders will be required to give bond with two or more sureties to be approved by the Building Committee, when entering into contract with the Association, equal in amount to 20 per cent of the amount of such contract, a copy of this notice must be attached to each bid submitted.

The right is hereby reserved to reject any or all bids, or to accept any one or more bids on building or works.

D. J. McCOMB, Secretary.

688

PROPOSALS.

COURT-HOUSE.
[At Savannah, Ga.]

OFFICE OF COMMISSIONERS AND EX-OFFICIO JUDGES, CHATHAM COUNTY, GEORGIA, SAVANNAH, GA., February 4, 1889.

Sealed proposals will be received at this office **until 12 o'clock M. on Monday, April 1, 1889,** for the material and workmanship required in the erection of a new court-house for Chatham County, in the city of Savannah.

Proposals will be received in lump for the whole work, and also separate bids for stonework, brick and terra-cotta work, tin and galvanized-iron work, carpenters' work, plastering, plumbing and gas-fitting, steam-heating, iron and steel work, etc.

Payments will be made to the contractors in the following manner on the certificate of the architect, to wit:

Eighty-five (85) per cent of the value of the work done, and of material delivered on the ground, will be paid monthly as the work progresses, and the balance at its completion and acceptance by the architect.

The contractor or contractors to whom this work may be awarded will be required, in pursuance of Section 493 (c) of the Code of Georgia, to give bond for the faithful performance of the contract, and to indemnify the county for any damages occasioned by a failure to perform the same within the prescribed time.

The right is reserved to reject any and all bids that may be submitted under this notice.

Proposals must be sealed and endorsed with a statement whether for the whole or a particular portion of the work.

Plans can be seen at this office and at the office of W. G. Preston, Esq., architect, No. 186 Devonshire Street, Boston, Mass., and printed specifications will be furnished on application at either office.

ROBT. D. WALKER, C. C. C.
WM. S. LAWTON, C. C. C.
J. H. ESTILL, C. C. C.
C. H. DORSETT, C. C. C.
JAS. B. REED, C. C. C.

Attest: JNO. R. DILLON, Clerk C. C. C.

688

PROPOSALS.

FURNITURE.
[At Cincinnati, O.]

Sealed proposals will be received at the office of Clerk of the Board of Education, Public Library Building, **until 12 o'clock, noon, Monday, March 11, 1889,** for school furniture, castings, etc., for the remainder of the current school year, according to specifications on file in said office.

Each bid must contain the name of every person interested therein, and must be accompanied by a guaranty in the sum of $1,000 of some disinterested person, that if the bid is accepted a contract will be entered into and the performance of it properly secured.

Bids must be upon blank forms, to be obtained in the above office.

Bids must be plainly marked "Proposals for Furniture."

The Board reserves the right to reject any or all bids.

SAMUEL WEIL, JR.,
Chairman Furniture Committee.

689

HOSPITAL.
[At Cincinnati, O.]

SUPERINTENDENT'S OFFICE, CINCINNATI HOSPITAL, February 9, 1889.

Sealed proposals will be received at this office **until 4 o'clock P. M., March 13, 1889,** for additions to and improvements of the hospital buildings, consisting of extensions, alterations, a new amphitheatre, addition to library, and a new gasometer.

Plans and specifications may be seen at the office of A. C. Nash, architect, 38 and 34 Carlisle Building.

The Board of Trustees reserves the right to reject any or all bids.

By order of the Board.

T. E. H. McLEAN,
Superintendent.

689

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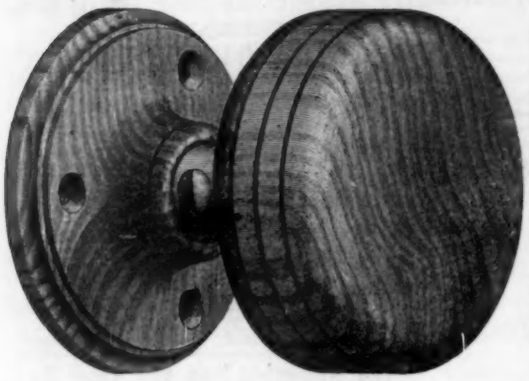

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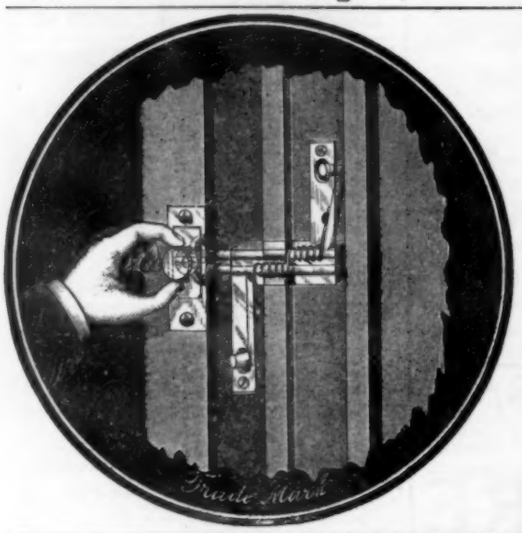

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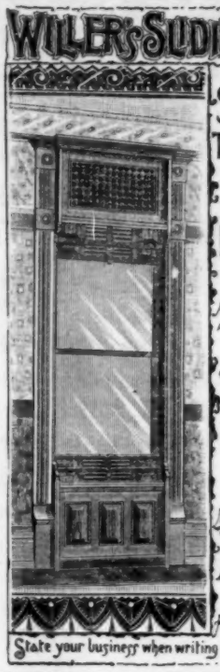

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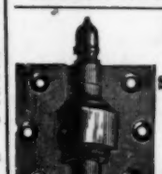

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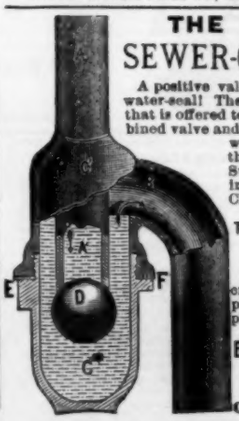

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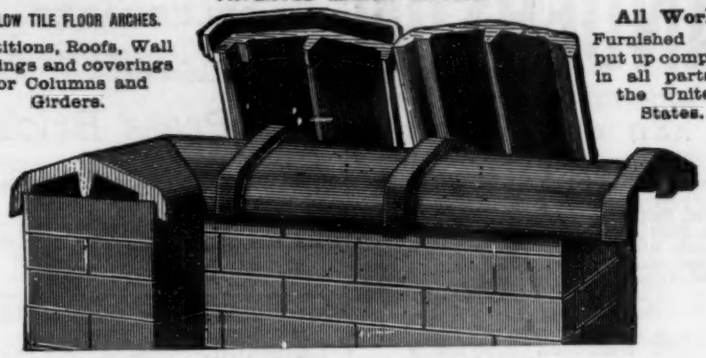

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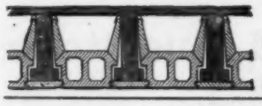

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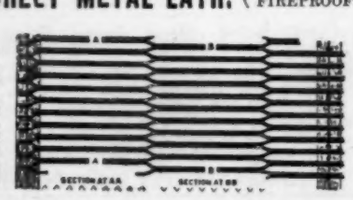

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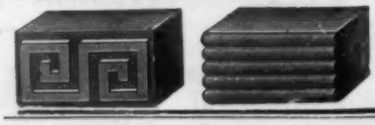

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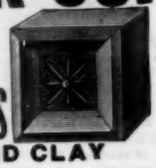

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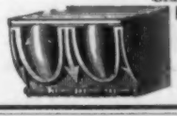

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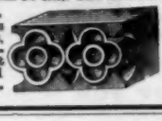

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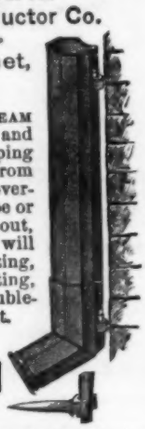

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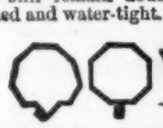

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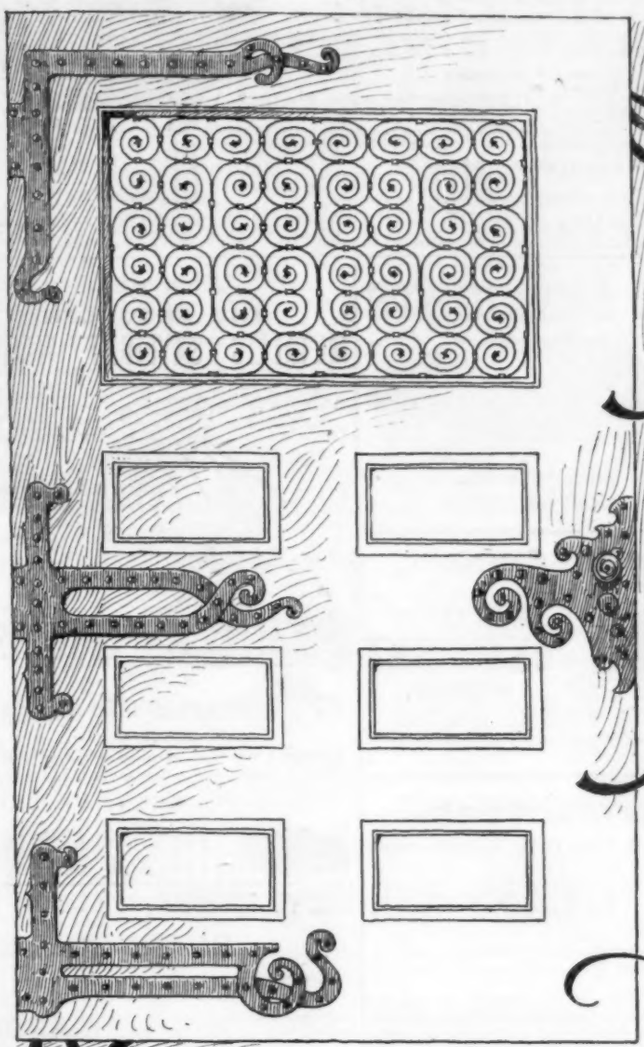

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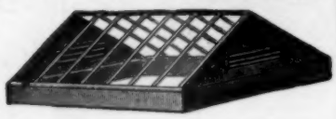

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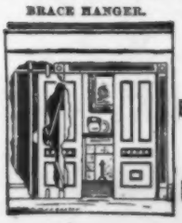

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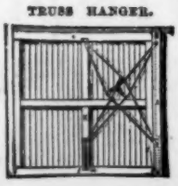

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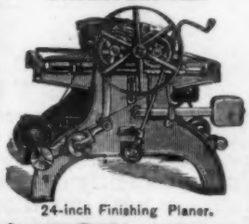
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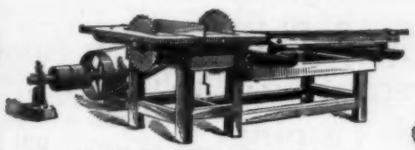
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" French (Lafarge)	3 60 @ 3 75	3 00 @ 3 50	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 35 @ 2 85	3 15 @ 3 35	3 00 @ 3 25	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40		2 80 @ 3 15	2 50 @ 2 75
" " (Vorwohler)	2 50 @ 2 90	*Not sold.*	2 75 @ 3 00	Josson
" " (Lagerdofer)	@	3 00 @ 3 50	3 25 @ 3 50	2 50 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25		*Not Sold.*	2 85 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not Sold.*	2 .5 @ 3 00
" " Stettin, (Anchor)	2 35 @ 2 85		2 75 @ 3 00	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 25	2 50 @ 2 75
Roman	2 75 @ 3 00	@ 3 20	7 00 @ 7 50	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	11 00 @ 12 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50		8 00 @ 9 00
Lime.			*Not sold.*	
Lime of Teil	3 50 @ 4 00			White Lime
Hydraulic Lime	@ 1 45	@ 1 35	55 @	25 @ 30 ₱ bush
Chicago Lime in bulk		St. John 1 00	60 @	White Mass
Wisconsin "			*Not sold.*	@ 1 25 @ 150
Rockland and Rockport, (Com.)	@ 1 00	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 1 20	@ 1 10	1 00 bulk, 75c.	
Kelley Island Lime, finish	@ 1 20	@ 1 20	*Not sold.*	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing "	@ 1 10	*Not sold.*	1 85 @ 1 90	*Not sold*
Plaster of Paris (calcined.)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 25 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ bush	18 @ 21	25 @ 30	20 @ 25	22 @ 30
" (Goat)	25 @ 28	@ 30	30 @ 35	30 @ 35
Sand, ₱ load	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)	@ 60	@ 60		55 @ 65
Limestone:			50 @	
Bedford	45 @ 1 25	95 @ 1 00	30 @ 55	75 @ 90
Joliet	@ 1 00		35 @ 60	Richmond
Lemont	@		@ 1 00	75 @ 1 50
Serpentine	@			4 50 ₱ Perch

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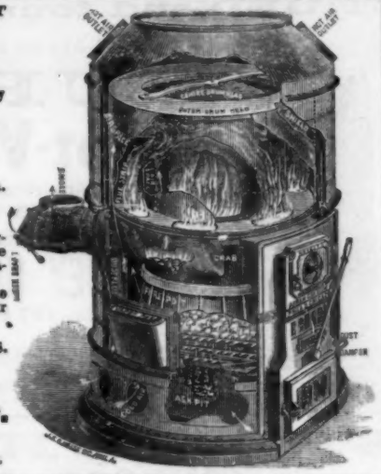

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Foundation:				
Dimension		5 00 ℔ ton	20 @ 2	@ 5 00
Block		4 60 ℔ perch		Conshocken
Rubble		1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 20
Planed	50 @ 6 00	75	50 @ 1 00	45 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		95 @ 1 16
Kibbe	@ 90	90 @ 1 10		1 05 @ 1 35
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	
Amherst	90 @ 95	80 @ 1 00	45 @ 50	
Berea } Ohio	75 @ 1 00	80 @ 90	45 @ 55	55 @ 1 00
Berlin }	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 40
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 00 @ 1 10
Caen	@	@ 2 00	"	1 25 @ 1 50
Carlisle, English	@ 1 05	80 @ 90		95 @ 1 10
Corse Hill (Scotch)	@ 1 05			
Marble (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and Blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined	@	50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna	@	3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red	@	1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville	@	85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@		*Not sold.*	2 00 @ 3 00
Vermont, white	@	1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 8 85	3 25 @ 4 00
" " Chapmans	@	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 00 @ 7 50	7 00 @ 9 50	@ 5 25
Tiles, Am. ℔ M.			*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil,* ℔ *lb.*)				
White lead, Am.	7 @ 7½	7 @ 7½	6½ @ 7½	7 @ 7½
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	6½ @ 7
Red lead, Am.,	6½ @ 7	7 @ 7½	6½ @ 7½	6½ @ 6¾
" Venetian	@ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. @ 68
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	@ 16
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" @ 24
Black, lamp,	15 @ 25	15 @ 25	8 @ 30	@ 15
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw) (℔ gal.)	57 @ 58	58 @ 60	57 @ 58	@ 59
" " boiled	60 @ 61	61 @ 63	60 @ 61	@ 64
Turpentine	51 @ 52	53 @ 55	50½ @ 51½	@ 53
Varnish, coach		1 50 @ 6 00	1 25 @ 2 00	@ 3 00
Shellac		2 50 @ 3 00	2 25 @ 4 00	@ 3 00
Putty	2 @	2 @ 4	02 @ 02½	@ 2
Whiting (℔ dry)	75 @ 1 00	1 @ 1½	1 @ 1¼	@ 1
Paris white, (Eng.)	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Litharge, Am	5½ @ 6	5½ @ 6½	6½ @ 7½	6 @ 6½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	@ 14
Umber, "	14 @ 20	14 @ 20	2 " 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85		2 15 @	pr kg @ 2 10
10d. common	@ 2 60	@ 2 30	@ 2 25	@ 2 30
Shingle	@ 3 35	@ 2 80	@ 2 75	@ 3 40
Lath	@ 4 85	@ 3 70	@ 3 65	4 50 @ 5 50
Finishing nails according to size.)			Add .85 to $1.15	per ft 11 @ 14
(*For casing nails add 75c. per keg.*)			" .50 to .90	Add pr cask
Butts: 4" x 4" (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 16
Japanned	@ 1 50	@ 1 75	*Not sold.*	1 75 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 75 @ 2 00
Ball Tip, Boston Finish. ℔ pair.	@ 65	@ 50	*Not sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 45
Brass (w' cupboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony				@ 35
Apple wood				37 @ 1 00
Knobs: (℔ *Set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hematite	*Not sold*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 1 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 75	22 @ 35
Sheet Lead		@ 6½		
Lead Pipe		@ 6		
Iron:				
I-Beams, up to and including 30 ft	3 3-10 @ 3½	2 8-10 @ 3	@ 4	@12 8-10
I-Beams, over 30 ft. ½, ¼, ½ c. advance				@2 8-10
Channel-Beams	3 3-10 @ 3½	3 3-10 @ 3	@ 4	@12 8-10

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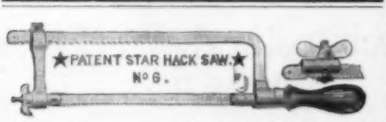

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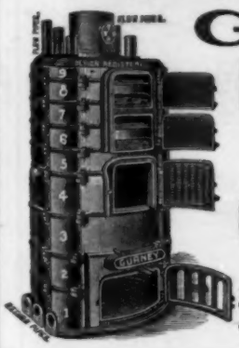

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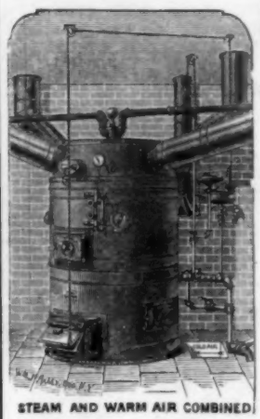

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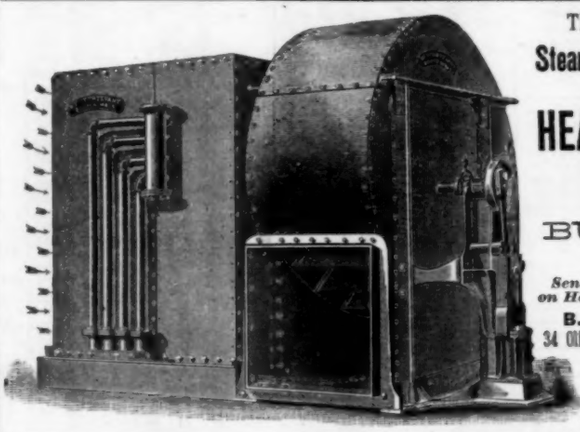

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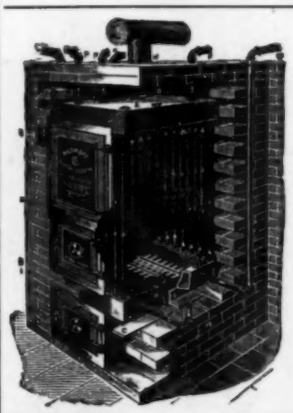

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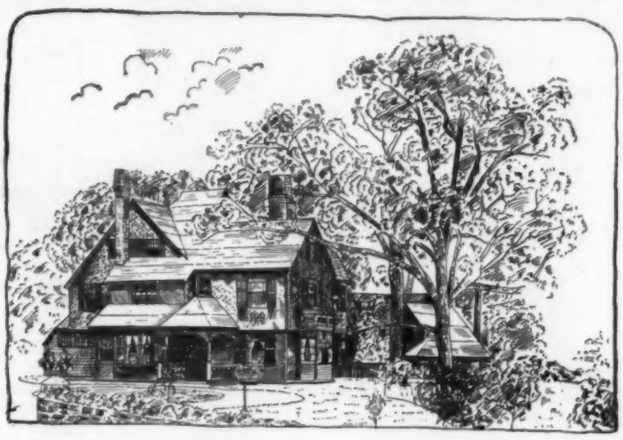

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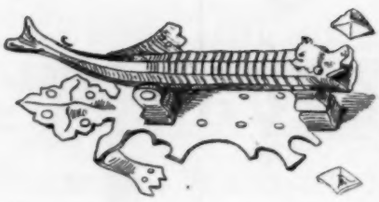

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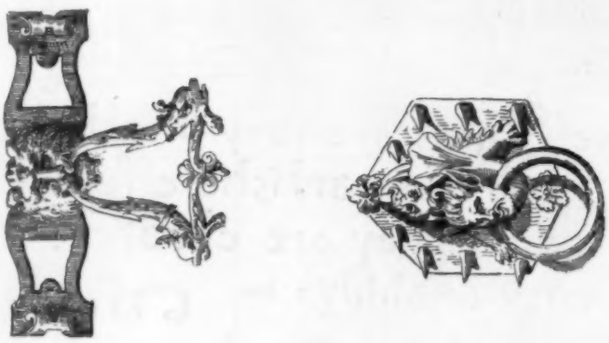

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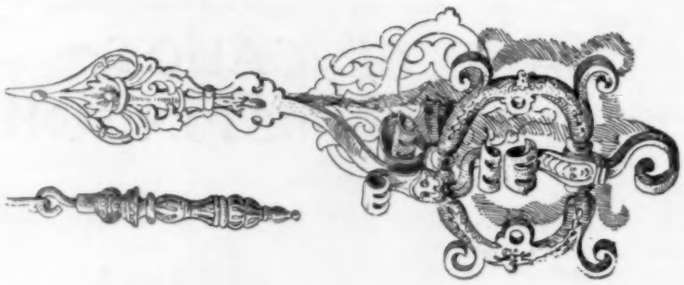

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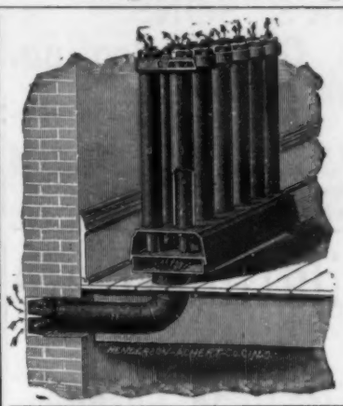

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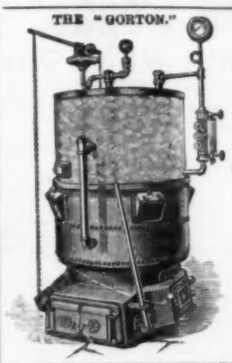

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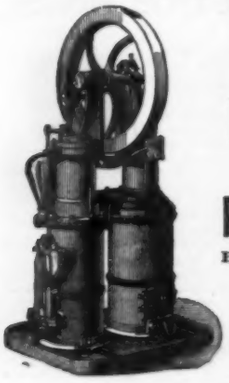

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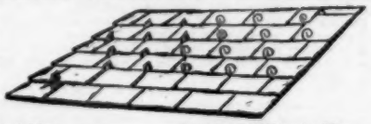

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New Advertisements.

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ONE OF OUR OLDEST ADVERTISERS.

We ask attention this week for the advertisement of the Yale & Towne Mfg. Co., on page iii. This firm first placed an advertisement in this journal, May 13, 1876, and has kept it ever since that time before our readers. A glance at that page will show that although the widely celebrated locks are the product with which architects everywhere are mos familiar, there are many other kinds of hardware and fine machine work, in metals of all kinds, in the execution of which this concern is equally famous.

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See the first issue of the month for the following advertisements.

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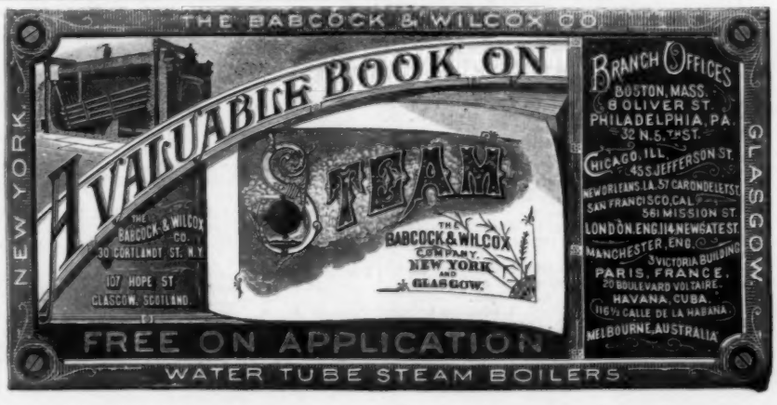

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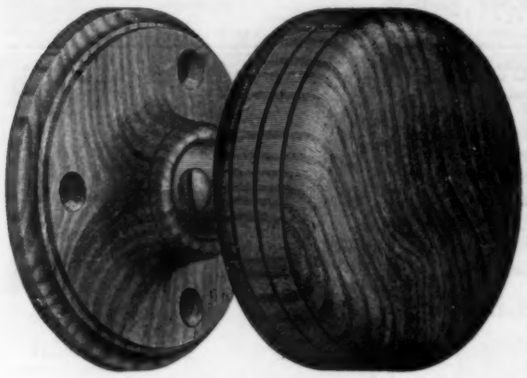

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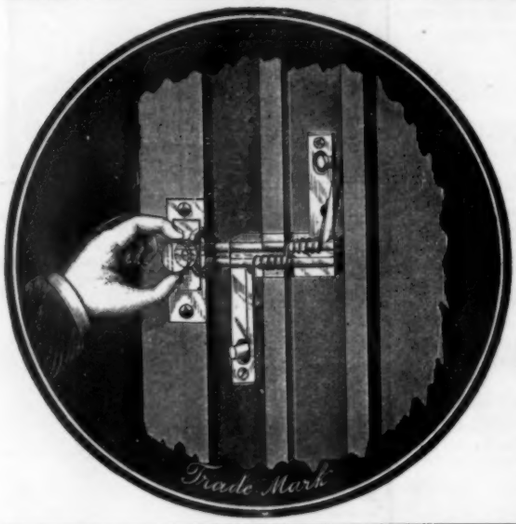

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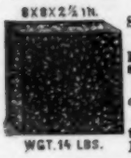

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Boston, Mass.—*Tremont St., No.* 127, Ward 10, addition to brick mercantile building; owner, A. B. Burgess; builder, C. W. Baxter.

A St., cor. Congress St., addition to manufactory on A St. side; owner, W. P. Greeley; builders, Gooch & Pray.

Chelsea St., No. 137, Ward 1, alteration to lower floor of frame tenement for store; owner, D. E. Finn; builders, Marden & Ross.

Fairfax St., near Carruth St., Ward 24, alteration of stable into a dwell.; owner, H. S. Carruth; builder, F. M. Severance.

Washington St., cor. Bromfield St., Ward 10, repair fire damage to mercantile building; owners, E. A. Hunting *et als.*; builder, E. E. Piper.

Kensington Park, No. 1, Ward 21, addition to rear of brick dwell.; owner, V. A. Cooper; builder, C. H. Blodgett.

Tremont St., Nos. 1136-1140, cor. Howe Ct., repair fire damage to dwells. and stores; owner, C. G. Way estate; builder, C. S. Montgomery.

Brooklyn, N. Y.—*Hicks St., No.* 263, one-st'y, mansard roof and two-st'y brick extension, bay windows, etc.; cost, $5,000; owner, Frederick Rawolle, 163 Williams St., New York; architect, F. Freeman.

Bedford Ave., No. 357, one-st'y addition, flat tin roof, and three-st'y brick extension, tin roof, new front and rear walls; cost, $6,500; owner, Mrs. Anderson; architect, W. H. Gaylor.

Bedford Ave., No. 359, four feet addition, also three-st'y brick extension, tin roof, interior alterations and new front wall; cost, $4,000; owner, Joseph Berger, 320 Bedford Ave.; architect, B. Finkensieper.

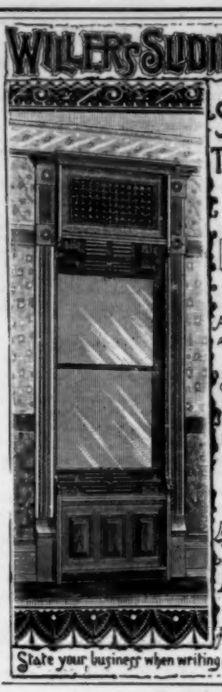
Chicago, Ill.—Headew & McAuley, one-st'y addition, North Franklin St.; cost, $3,000; architect, F. Woif.

New York, N. Y.—*Nassau St., Nos.* 119-121, to be torn down, and a ten-st'y fireproof addition built to Temple Court; cost, $200,000; architect, James M. Farnsworth.

Philadelphia, Pa.—*Ridge Ave., No.* 23, front alteration of 10 feet; contractor, J. H. Jordan, Twenty-third and Jefferson Sts.

Arch St., No. 2040, back building with bay window; owner, Wm. H. Abbott, 20 North Seventh St.

Wharton St., No. 342, two-st'y brick back building; owner, John Langenhoff, 2043 South Ninth St.



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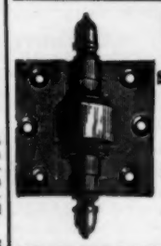

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BUILDING INTELLIGENCE.

North Nineteenth St., No. 104, interior alterations and rear bay window, two and three stories; owner, John T. Landers, 2140 North Eleventh St.

Vine St., No. 1718, three-st'y back building; owner, S. E. McGarge, Mount Airy.

Twelfth St., n w cor. Dickinson St., third story on brick dwell.; owner, J. Hains, 22 Federal St.

North Fifth St., No. 2522, one-st'y shop; owners, Stewart Bros., 2522 North Fifth St.

Fifty-eighth and Fifty-ninth Sts., w of Darby Rd., infirmary annex and connection, with Presbyterian home for widows and single women; builder, John A. Decker, 3503 Lancaster Ave.

Twentieth and Ruscomb Sts., one-st'y stone storeroom, owner, M. D. Wartman, 48 Mechlin St.

South Seventh St., No. 1412, new front to brick dwell.; builder, Charles P. Nesbit, 425 Locust St.

East Susquehanna Ave., No. 2212, one-st'y brick addition to hall; builder, Conrad S. Richards, 1512 East Susquehanna Ave.

Walnut St., No. 1406, four and five-st'y addition to brick building; builders, George C. Payne & Co., 401 South Juniper St.

Bainbridge St., No. 728, two-st'y on brick building; owner, Robert J. Morrison, 810 South Third St.

Somerville, Mass.—*Broadway, No.* 2, alterations to dwell., 18' x 36'; owner, F. W. McAllister; builder, Fred Burton.

St. Louis, Mo.—Addition to four-st'y brick store; cost, $2,800; owner, E. F. Lewis; sub-let.

Two-st'y brick addition to dwell.; cost, $3,200; owner, Jno. Beckerle; contractor, V. Beckerle.

Repair tenement; cost, $2,500; owners, Connecticut Mutual Life Insurance Co.; contractor, F. C. Bonsack.

Repair tenement; cost, $3,500; owners, Connecticut Mutual Life Insurance Co.; contractor, F. C. Bonsack.

Wellesley, Mass.—Alterations to dwell. in old colonial style for Dr. H. C. Clapp, Boston; cost, abt. $2,500; contract to be let; architect, G. Wilton Lewis, Boston.

APARTMENT-HOUSES.

Brooklyn, N. Y.—*Marion St.*, e s, 173' s Saratoga Ave., 8 three-st'y brick flats, tin roofs; cost, each, $5,200; owner and builder, L. Palmer, 2136 Fulton St.; architect, I. D. Reynolds.

Thirteenth St., s s, 213' 3" w Seventh Ave., 7 three-st'y brick flats, tin roofs; cost, each, $5,000; owner and builder, Geo. Keymer, 296 Eighteenth St.; architect, I. D. Reynolds.

Chicago, Ill.—H. J. Rohrbach, two-st'y flats, Wentworth Ave.; cost, $3,200; architect, W. B. Bargerbuch.

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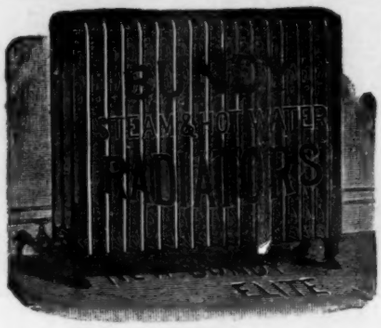

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BUILDING INTELLIGENCE.

A. R. Russell, 2 two-st'y flats, Jay St.; cost, $2,800; architect, J. Kaiser.

R. Jones, three-st'y flats, West Lake St.; cost, $2,000; architect, J. M. Van Aradel.

C. F. Penneli, two-st'y flats, West Congress St.; cost, $3,000; architect, W. Voohlen.

J. J. Daley, four-st'y flats, North Franklin St.; cost, $15,000; architect, H. Sierks.

A. Lamsen, three-st'y flats, West North Ave.; cost, $7,500; architect, C. A. Lohman.

J. H. Doig, 2 two-st'y flats, West Monroe St.; cost, $5,000; architect, W. Thomas.

J. A. Wassell, three-st'y flats, Leavitt St.; cost, $3,500; architect, J. Otter.

T. E. Moran, three-st'y flats, Vernon Park Pl.; cost, $4,500; architect, M. E. Bell.

J. Block, two-st'y flats, Fulton St.; cost, $4,500; architect, G. Kreiz.

C. Schanze, three-st'y flats, Western Ave.; cost, $6,500; architect, J. Kabala.

New York, N. Y.—*Lexington Ave.*, s e cor. Forty-eighth St., seven-st'y brick fireproof apartment; cost, $75,000; owner, Angelo Mondolfo; architect, Schneider & Herter.

Fifth Ave., s e cor. Eighty-fifth St., six-st'y apartment; cost, $100,000; owner, Philip Braender; architect, Frank Wennemer.

Allen St., Nos. 202-204, five-st'y brick, stone and terra-cotta flat; cost, $45,000; owner, F. Callighan; architects, Herter Bros.

West Twenty-first St., No. 403, five-st'y brick flat, tin roof; cost, $15,000; owner, William Mulgrew, 403 West Twenty-first St.; architect, J. A. Lienau, 111 Broadway.

One Hundred and Eighteenth St., s s, 150' w Lexington Ave., five-st'y brick flat, tin roof; cost, $18,000; owner, William C. Burne, 121 East One Hundred and Fourteenth St.; architect, John C. Burne, 1531 Third Ave.

Vandam St., five-st'y brick flat, tin roof; cost, $20,000; owners, L. & K. Ungrich, 160 West Thirty-third St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Ninth Ave., Nos. 749-751, 2 five-st'y brick flats., tin roofs; cost, $36,000; owner, Andrew Ewald, 402 West Fifty-first St.; architects, Thom & Wilson, 1267 Broadway.

Division St., No. 98, five-st'y brick flat, tin roof; cost, $22,000; owner, Birth Goldman, 98 Division St.; architects, Rentz & Lange, 153 Fourth Ave.

Ninety-eighth St., s s, 175' e Ninth Ave., 6 five-st'y brownstone flats; cost, $100,000; owner, J. M. King; architect, George Keister.

Madison St., No. 87, five-st'y brick flat, tin roof; cost, $24,000; owner, Isaac Gelles, 138 Henry St.; architects, Herter Bros., 191 Broadway.

St. Louis, Mo.—Two-st'y brick flat; cost, $4,200; owner, Geo. Sauerbrinn; architect, W. G. Gains; contractors, Gray & Bro.

CHURCHES.

Anderson, S. C.—The Baptists will soon build an edifice; cost, abt. $15,000.

Little Rock, Ark.—Trustees of First Baptist Church, church; cost, $22,000; architect, J. Schneider, Dayton, O.

New York, N. Y.—*St. Nicholas Ave.*, w s, 50' s One Hundred and Eighteenth St., one-st'y brick church, tin roof; cost, $10,000; owners, Church of the Archangel; architect, Gilbert Robinson, Jr., 149 East One Hundred and Twenty-fifth St.

Tenth Ave., cor. One Hundred and Fifty-second St., brick and stone church for the Roman Catholic Church of St. Catherine; cost, $15,000; architect, Thomas Poole.

Park Ave., s w cor. Eighty-fourth St., the Jesuits are to have built a granite edifice, to be known as the Church of St. Ignatius; cost, abt. $300,000; architects, Wm. Shickel & Co.

Madison Ave., cor. One Hundred and Twenty-ninth St., the Catholic Church of All Saints will build a brick and terra-cotta edifice; cost, $100,000; architects, Renwick, Aspinwall & Russell.

Tenth Ave., n e cor. Eighty-sixth St., one and two-st'y brick church, tin roof; cost, $80,000; owners, Park Presbyterian Church, Eighty-sixth St. and Tenth Ave.; architect, Henry F. Kilburn, 229 Broadway.

FACTORIES.

Brooklyn, N. Y.—*Atlantic Ave., No.*, 1287, n s, 330' w New York Ave., four-st'y brick factory, gravel roof; cost, $5,500; owner and builder, Rulef Van Brunt, on premises.

Kent Ave., e s, 49' s Rodney St., four-st'y brick factory, gravel roof; cost, $8,000; owners, J. S. and G. F. Simpson, 26 Rodney St.; architect, B. Finkensieper; builder, M. Smith.

Chicago, Ill.—O. B. Fiedler, one-st'y factory, North Franklin St.; cost, $5,000; architect, T. Karls.

St. Louis, Mo.—Four-st'y brick factory; cost, $7,000; owner, J. H. Pocock; sub-let.

HOUSES.

Baltimore, Md.—J. S. Magarity, 6 three-st'y brick buildings, e s Broadway, beg. s e cor. Federal St.

Edw. J. Gallagher, 4 two-st'y brick buildings, e s Canton Ave., bet. O'Donnell and Dillon Sts.

Graf & Young, 20 three-st'y brick buildings, e s Broadway, bet. Federal and Lanvale Sts.

A. F. Salisbury, etc., 3 two-st'y brick buildings, s s Hamburg St.; and 3 two-st'y brick buildings, n s Fremont St., bet. Eutaw and Warner Sts.

Martin Neumann, 4 two-st'y frame buildings on Quaker La., Waverley.

Geo. C. Hershman, 11 two-st'y brick buildings, n s Lancaster St., bet. Port and Cannon Sts.

J. Moreckl, three-st'y brick building, e s Bond St., s Canton Ave.

Chas. H. Callis, 16 three-st'y brick buildings, w s Broadway, beg. s w cor. Preston St.

Smith & Schwarz, 11 two-st'y brick buildings, w s Rose St., bet. Lancaster and Hudson Sts.; and 13 two-st'y brick buildings, e s Port St., bet. Lancaster and Hudson Sts.

John T. Grape, 4 two-st'y brick buildings, w s Second St., n Mosher St. (Colverton).

R. M. Chambers & Co., 5 three-st'y brick buildings, e s Druid Hill Ave.; and 5 three-st'y brick buildings, w s McCulloh St., bet. North Ave. and Whitelock St.

Boston, Mass.—*Gay Head St.*, near Centre St., two frame dwells., 25' x 30'; owners, Workingmen's Building Association; builder, G. W. Pope.

[*Continued on page* xvi.]

Comments of the Press on a New Book
By MERCHANT & CO.
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"A TIN ROOF."

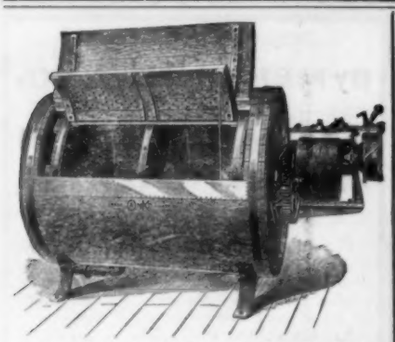
A Valuable Book.

UNDER the title "*A Tin Roof*," Messrs. Merchant & Co., Philadelphia, have published a valuable work on the subject of roofing materials. No architect can afford to be without the book, as it treats very fully on a subject with which he should be conversant. The book has been compiled by one thoroughly versed in the subject of tin roofing, and it touches on different features of the subject which have heretofore never been published, and it is to be questioned whether the information could be obtained by architects from the roofing trade. The closing paragraph of the book is as follows: "We are prepared to prove that we were the first to introduce guaranteed plates and stamp every sheet with the name of the brand and thickness; and having also done away with the imperfect or waste sheets to further protect architects (who wish to specify and property owners who want to use the best), we feel that we have a right, under these circumstances, to ask that our guaranteed brands shall not be specified along with other brands in the market, which are inferior in quality, coating, weight and assortment." Architects throughout the country will do well to secure a copy of the book, which can be done by addressing Merchant & Co., Philadelphia.—*Philadelphia Evening Call*, February 18, 1889.

Something Worth Reading.

"*A Tin Roof*" is the title of a little book just issued by Messrs. Merchant & Co., 517 Arch Street, Philadelphia. The purpose of the publication is to supply to builders, architects, and the general public some exact information as to the best methods of constructing a tin roof and as to the right materials to be used to secure satisfactory and permanent results. We especially recommend the book, which is intended for gratuitous distribution, to mill-owners. They are very apt to entrust the matter of roofing wholly to builders, and they usually know very little about the character of the tin used or the excellence or defectiveness of the job. This pamphlet will help them to protect their interests. It is very explicit, perfectly comprehensible, and we think wholly trustworthy. It is quite profusely illustrated, and the cuts indicate processes of applying tin-roofing which insure excellence.—*Philadelphia Telegraph*, February 16, 1889.

MESSRS. MERCHANT & CO., of Philadelphia, are about to issue a work on the subject of tin roofing for the benefit of architects, which they have had compiled at considerable expense and labor by one thoroughly versed in the subject of tin roofing. It touches on different features of the subject which have heretofore never been published. While this work is issued partly as an advertisement of their guaranteed plates, it will be found to contain very valuable information. It is for distribution to those who want the information, though it is not their purpose to send it out broadcast, as it is too valuable a work in itself to go into the waste basket. The book will be nicely bound, and the title will be "*A Tin Roof*." Messrs. Merchant & Co., have done all in their power to bring about the use of a better class of material, and were the first to introduce plates every sheet stamped with the brand and thickness, and as the doing away with the wasters, or imperfect sheets, has been the cause of great loss of profit to this concern, in their determination to keep faith with the architectural profession, they find that in some cases even leading architects are to-day simply using their brands as a figure-head, and are inserting in their specifications not only cheaper brands than theirs, but brands the wasters of which can be obtained and will be used. Consequently they have now taken the stand to simply ask the architect to drop their brands entirely if they are to be used with inferior goods, as they do not care to be held responsible by their clients when the roof proves inferior by reason of the use of cheaper material than they offer to the public.—From *Manufacturers' Record*, Baltimore, of February 9, 1889.



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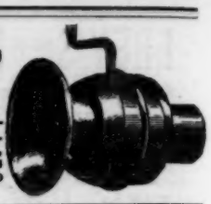

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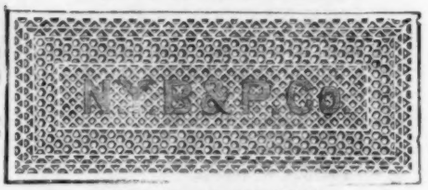

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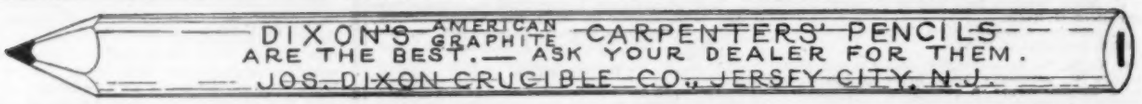

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Highland St., No. 218, Ward 21, three-st'y frame dwell., hip roof, 24′ x 43′; owner, R. A. Watson; builder, W. Tobin.

Princeton St., near Shelby St., Ward 1, 2 three-st'y frame dwells., flat roofs, 21′ 6″ x 54′ 6″; owner and builder, Geo. Brown.

Norfolk St., near Walk Hill St., Ward 24, frame dwell., 36′ x 48′; owner, Mrs. M. Macauley; builder, W. A. Macauley.

Shamrock St., Nos. 25-27, Ward 24, two frame dwells., flat roofs, 24′ x 41′; owner, Patrick Finnegan; builders, H. A. Very *et als.*

Highland St., Nos. 226-228, Ward 21, 3 three-st'y frame dwells., flat roofs, 22′ x 58′; owner, Mrs. M. D. Culbert; builder, R. D. Ward.

Marcella St., No. 123, Ward 21, three-st'y frame dwell., flat roof, 25′ x 45′; owner, Peter Dowd; builder, R. D. Ward.

J. A. Andrew St., near Newburn St., Ward 23, frame dwell., 26′ x 34′; owner, R. S. Barrows; builder, M. A. Blanchard.

Norfolk St., rear, near Morton St., Ward 24, frame dwell., 22 x 32′; owner, F. B. Macker; builder, D. Falconer.

Trull St., near Hancock St., Ward 24, 2 two-st'y frame dwells., hip roofs, 23′ x 45′; owner, W. A. Spooner; builder, John Bass.

Sidney Pl., off Dudley St., Ward 20, 3 three-st'y frame dwells., flat roofs, 24′ x 39′; owner, S. B. Pierce; builder, W. J. Jobling.

Gay Head St., near Centre St., Ward 22, 2 three-st'y frame dwells., pitch roofs, 22′ 6″ x 26′; owners, Workingmen's Building Association; builders, Mabie & McKim.

East Fifth St., n s, near I St., Ward 14, 2 three-st'y frame dwells., flat roofs, 22′ x 64′; owner, John Monks; builders, Holbrook & Harlow.

Warren St., Nos. 33-34, Ward 20, 2 three-st'y frame dwells., flat roofs, 23′ 6″ x 53′ 6″; owner, Sarah S. Williams; builders, McGaragle & Co.

Minden St., near Day St., Ward 22, frame dwell., 21′ x 41′; owner, Hugh Murray; builder, Owen Finn.

Foundry St., Nos. 114-116, Ward 13, 2 three-st'y frame dwells., flat roofs, 20′ x 33′; owner and builder, J. E. Devine.

Perkins St., near Canterbury St., Ward 23, three-st'y frame dwell., pitch roof, 21′ x 32′; owner, T. Reynolds; builders, Sittig Bros.

Marion St., near Florence St., Ward 23, frame dwell., 20′ x 28′; owner, W. W. Finch; builders, Sittig Bros.

Park St., near Oriole St., Ward 23, three-st'y frame dwell., pitch roof, 26′ x 28′; owner and builder, D. H. McKay.

Ziegler St., Nos. 99-103, Ward 20, 3 three-st'y frame dwells., flat roofs, 23′ x 52′; owner, Henry Kelly; builder, F. X. Julian.

Bellevue St., cor. Bellevue Terrace, Ward 24, frame dwell., 28′ x 44′; owner, W. B. Allbright, builder, J. G. Allbright.

Brooklyn, N. Y.—*Seventeenth St.*, s s, 175′ w Ninth Ave., 2 two-st'y frame (brick-filled) dwells., tin roofs; cost, abt. $2,500 each; owner, Walter S. Tuttle, 34 Berkeley Pl.; architect and contractor, W. H. Washburn; mason, J. McGovern.

Greene Ave., s s, 100′ e Knickerbocker Ave., 3 two-st'y brick dwells., tin roofs; cost, each, $4,000; owner, architect and contractor, C. Monds, 1631 De Kalb Ave.; mason, J. Monds.

Bergen St., s s, 100′ w Albany Ave., 6 two-st'y brick and brownstone dwells., tin and slate mansard roofs; cost, each, $4,500; owner and contractor, A. V. Porter, 213 Montague St.

President St., n s, 22′ 6″ e Sixth Ave., 4 five-st'y brick and brownstone dwells., tin roofs; cost, each, $6,000; owner, James A. Bills, 299 Evergreen Ave.; architect, F. B. Langston.

Bushwick Ave., e s, 64′ 8″ s Cedar St., 3 two-st'y frame (brick-filled) dwells., tin roofs; total cost, $10,000; owner and builder, Jacob Bossert, Stuyvesant Ave., cor. Willoughby Ave.; architect, Th. Engelhardt.

Union St., s s, 97′ 10″ w Eighth Ave., 15 two-st'y frame dwells., tin roofs; cost, each, $2,500; owner, etc., Mrs. E. Kay.

President St., s s, 90′ w Eighth Ave., 2 three-st'y brick and brownstone dwells., tin roofs; cost, each, $8,000; owner, James C. Jewett, 42 Seventh Ave.; architect, A. E. White; builder not selected.

Putnam Ave., n s, 375′ e Summer Ave., 5 three-st'y brick and stone dwells., tin roofs; cost, each, $7,500; owner and builder, D. B. Norris, 508 Madison St.; architect, I. D. Reynolds.

Hancock St., s s, 140′ e Marcy Ave., 4 three-st'y limestone and terra-cotta dwells., tin roofs; total cost, $55,000; owner and architect, Montrose W. Morris, 45-47 Exchange Pl., New York; builders, P. Cleary and J. Holler.

Fourth Ave., n e cor. Fifty-third St., three-st'y brick dwell., tin roof; cost, $6,000; owner, James Cosgrove, Third Ave. and Twenty-seventh St.; builders, H. L. Spicer & Son.

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Chelsea, Mass.—*Franklin Ave.*, frame dwell., 25′ x 35′; cost, abt. $4,000; owner, Jas. L. Duncan; builder, James T. Chisholm, Malden; architect, G. Wilton Lewis, Boston.

Chicago, Ill.—Mrs. A. Lusk, two-st'y dwell., West Fifteenth St.; cost, $2,500; architect, J. Vanecek.

Mrs. N. Carpenter, two-st'y dwell., Warren Ave.; cost, $3,500; architect, C. A. Weary.

Cincinnati, O.—Ed. B. Kittle, two-and-one-half-st'y brick dwell., Hewett Ave.; cost, $3,000; architect, J. B. Harlow.

Miss Angeline Elstum, two-and-one-half-st'y brick dwell.; cost, $4,000; architect, S. E. Des Jardins.

H. Dieckmeier, three-st'y brick dwell., McMillan St.; cost, $5,000; architect, Chas. Diss.

Little Rock, Ark.—W. Hennigan, frame dwell.; cost, $3,000; architects, Bartlett & Thompson; contracts not let.

E. W. Gith, frame dwell.; cost, $3,000; architect, F. W. Gith.

C. E. Rosenbaum, frame dwell.; cost, $3,000; architect, F. J. H. Rickon.

Minneapolis, Minn.—Jonathan Anderson, frame dwell., East Twenty-fourth St., near Twenty-fifth Ave., s; cost, $3,000.

Richard V. Armstrong, frame dwell., Ninth Ave., bet. Thirty-third and Thirty-fourth Sts., s; cost, $3,500.

James E. Armstrong, frame dwell., Ninth Ave., bet. Thirty-third and Thirty-fourth Sts., s; cost, $3,500.

Carl O. Goodlund, frame dwell., Ninth Ave., bet. Thirty-third and Thirty-fourth Sts., s; cost, $3,500.

Christian Johnson, frame dwell., Ninth Ave., bet. Thirty-third and Thirty-fourth Sts., s; cost, $3,500.

G. G. McGregor, frame dwell., Tenth Ave., bet. Thirty-third and Thirty-fourth Sts., s; cost, $3,500.

Ricker & Bond, frame dwell., Penn St., bet. Twenty-sixth and Twenty-seventh Aves., n; cost, $3,000.

Chas. P. Preston, frame dwell., 2012 Sheridan Ave., s; cost, $6,000.

BUILDING INTELLIGENCE.

New York, N. Y.—*Ninety-first St.*, s s, 100′ e Ninth Ave., 10 three and four st'y dwells.; cost, $170,000; owner, Eli Martin; architect, H. L. Hanis.

Forty-eighth St., s s, e Lexington Ave., four stone, brick, and terra-cotta dwells.; cost, $225,000; owner, Angelo Mondolfo; architects, Schneider & Herter.

Walton Ave., e s, 170′ s One Hundred and Fiftieth St., three-st'y brick dwell., tin roof; cost, $9,000; owner, Anna T. Dale, 635 Walton Ave.; architect, Albert E. Davis, 2533 Third Ave.

One Hundred and Sixteenth St., s s, 184′ 6″ w Second Ave., 5 three-st'y brick dwells., tin roofs; cost, $32,500; owner, Catherine A. Fagan, 232 East One Hundred and Sixteenth St.; architects, Cleverdon & Putzell, 110 East One Hundred and Twenty-fifth St.

Fifty-first St., n s, 350′ e Ninth Ave., 7 three-st'y brick dwells., tin roofs; cost, $84,000; owner, James A. Striker, 229 West Fifty-first St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Seventy-first St., s s, 225′ w Eighth Ave., 4 four-st'y brick dwells., tin roofs; cost, $72,000; owner, John Ruddell, 101 West One Hundred and Twenty-first St.; architect, G. A. Schellinger, 128 Broadway.

One Hundred and Forty-second St., s e cor. Grand Boulevard, 17 three-st'y brownstone dwells.; cost, $300,000; owner, John W. Haaren; architect, John C. Burne.

West End Ave., n e cor. Seventy-sixth St., 5 four-st'y brick dwells., mansard and tin roofs; cost, $145,000; owner, Dore Lyon, 321 West One Hundred and Thirty-sixth St.; architect, E. L. Angell, 94 Liberty St.

Seventy-fourth St., n s, 200′ e Ninth Ave., 5 five-s'y brick dwells., tin roofs; cost, $100,000; owner, W. H. Jacob, 1169 Ninth Ave.; architect, Max Hensel, Sixty-seventh St. and Ninth Ave.

West Ninety-first St., Nos. 56-68, 7 four-st'y brick dwells., tin roofs; cost, $119,000; owner, Eli Martin, 100 West Eighty-first St.; architect, H. L. Harris, Temple Court, N. Y.

West Ninety-first St., Nos. 70-72-74, 3 three-st'y brick dwells., tin roofs; cost, $42,000; owner, Eli Martins, 100 West Eighty-first St.; architect, H. L. Harris, Temple Court, N. Y.

One Hundred and Thirty-fourth St., n s, 231′ 6″ e Alexander Ave., three-st'y brick dwell., tin roof; cost, $9,000; owner, William Spieker, 183 Third Ave.; architect, M. J. Garvin, 3311 Third Ave.

One Hundred and Twenty-first St., s s, 100′ w Mt. Morris Ave., 5 four-st'y brick dwells., tin roofs; cost, $90,000; owner, S. O. Wright, 21 West One Hundred and Twenty-first St.; architects, Cleverdon & Putzell, 110 East One Hundred and Twenty-fifth St.

Olney, Pa.—*Second St.*, w s, n Olney Ave., 3 two-st'y brick dwells.; owners, Jos. Desbow and John Brough, Maple Ave.

Philadelphia, Pa.—*Jessup St.*, e and w s, n Cumberland St., 52 brick dwells.; owner, John Loughran, 2544 North Eighth St.

Firth St., n s, ab. Twelfth St., 23 private brick dwells.; owner, John Loughran, 2544 North Eighth St.

Eleventh St., w s, n Cumberland St., 26 two-st'y brick dwells.; owner, John Loughran, 2544 North Eighth St.

Huntingdon St., s s, and n s Cumberland St., ab. Eleventh St., 10 brick dwells.; owner, John Loughran, 2544 North Eighth St.

Walnut St., n s, bet. Thirty-eighth and Thirty-ninth Sts., eight brick and stone dwells.; owners, Page Bros., 132 South Fourth St.

Thirty-eighth St., w s, bet. Walnut and Sansom Sts., five brick and stone dwells.; owners, Page Bros.

Hoffman St., s s, bet. Front and Second Sts., 18 two-st'y five-room brick dwells; owner, John J. Cassidy, 1102 Camille St.

Eighth St., s e cor. Oak La., three-st'y frame dwell.; owner, L. K. Stifer, Tenth and York Sts.

Parrish St., n Pennock St., 12 two-st'y brick dwells.; contractors, Corney & Moore, 1732 Carlton St.

Twenty-second St., w s, n Earp St., 9 two-st'y brick dwells., two with stores; owner, Francis Rankin, 2104 Fitzwater St.

South Nineteenth St., No. 1606, two-st'y brick dwell.; owner, James E. Clark, 1912 Wharton St.

Broad St., w s, bel. Dauphin St., 3 three-st'y brick dwells.; owner, Frank Dietrich, 2677 Frankford Ave.

Fawn St., w s, bet. York and Dauphin Sts., 7 two-brick dwells.; owner, Andrew Miller, 1322 Tasker St.

Shawmont, River Rd., 2 two-st'y brick dwells.;

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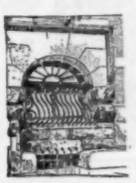

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owner, Edward Boyle, Lower Merion Township, Montgomery Co., Pa.

Springfield Ave., e Forty-eighth St., 8 three-st'y brick dwells.; owner, Charles W. Budd, 1821 Spring Garden St.

Chester Ave., s e s, n w s Forty-ninth St., 2 three-st'y brick dwells.; owner, Charles W. Budd, 1821 Spring Garden St.

Walker Ave., s s, w Mill St., seven-room brick dwell.; owner, John O. Broadbent, 414 Hains St.

William St., n s, w Ash St., 3 two-st'y frame dwells.; owners, Breininger & Ploucher, 4545 Salmon St., Bridesburg, Pa.

Providence, R. I.—*Lester St.*, n s, near B. St., frame dwell.; owner, R. O. Whitney; builders, Hopkins, Bowen & Sweet.

Amsterdam St., n s, near Handy St., frame dwell.; owner, Henry Paget; builder, Bernard McGuin.

Somerville, Mass.—*Cameron Ave.*, cor. Holland St., frame dwell., 27′ x 29′; owner, Chas. Moore; builder, Robt. J. McCollen.

Thurston St., frame dwell., 26′ x 30′; owner, Annie L. Fletcher; builder, Dr. Fletcher.

Cedar Ave., frame dwell., 20′ x 27′; owner and builder, Israel P. Rice.

Summer St., cor. Porter St., frame dwell., 25′ x 31′; owner and builder, Chas. Keating.

St. Louis, Mo.—Two-st'y and mansard brick dwell.; cost, $10,000; owner, S. E. Grantley; architect, J. G. Cairns; contractor, P. Moymham.

Two-st'y brick dwell.; cost, $2,500; owner, E. Dix; contractor, C. Freilwig.

Two-st'y brick dwell.; cost, $2,500; owner, Geo. W. Bergfeld; contractor, J. J. Wharton.

Two-st'y brick dwell.; cost, $2,500; owner, G. W. Reitz; contractors, Henner & Bro.

Two-st'y brick dwell.; cost, $2,700; owner, J. Fornoff; contractor, T. M. Dunn.

Two-st'y brick dwell.; owner, T. C. Hausen; architect, C. F. May; contractor, D. Faugman.

Three adjacent two-st'y brick dwells.; cost, $9,000; owner, A. Buhlinger; sub-let.

Two-st'y and mansard brick store and rooms; cost, $6,000; owner, C. Scholmeyer; architect, E. C. Janssen; contractor, J. H. Remmers.

Two-st'y brick dwell.; cost, $3,000; owner, E. Charpiat; contractor, J. H. Wood.

Two-st'y and mansard brick dwell.; cost, $3,550; owner, A. Schwehla; contractor, H. H. Schumaker.

Two-st'y and mansard brick dwell.; cost, $4,000; owner, Josephin Heschman; contractor, H. H. Schumaker.

Two-st'y and mansard brick dwell.; cost, $4,000; owner, J. Strangior; contractor, H. H. Schumaker.

Two-st'y brick dwell.; cost, $2,500; owner, F. Tiedemann.

Two adjacent two-st'y and mansard brick dwell.; cost, $5,000; owner, T. S. Toben; architect, C. F. May; contractor, Wm. Klute.

Two-st'y brick dwell.; cost, $3,300; owner, J. Seeker; contractor, F. Voelpel.

Two-st'y brick dwell.; cost, $2,900; owner, H. Epstein; contractor, F. Voelpel.

Two adjacent two-st'y and mansard brick dwells.; cost, $4,500; owner, F. Sebastian; contractors, Gainer & Gizard.

Wellesley, Mass.—*Fireside Park*, near station, frame dwell., 30′ x 50′, old colonial style, rustic stone balcony and veranda wall; cost, abt. $4,500; owner, I. H. Farnham; contract to be let; architect, G. Wilton Lewis, Boston.

PUBLIC BUILDINGS.

Camden, Ark.—County Commissioners, Oleacheta County, Ark., court-house; cost, $35,000; architect, T. Harding, Little Rock, Ark.

OFFICE-BUILDINGS.

Baltimore, Md.—C. J. Bonaparte, three-st'y brick building, w s St. Paul St., bet. Lexington and Saratoga Sts.

New York, N. Y.—*Sixty-seventh St.*, s s, 463′ w Eleventh Ave., two-st'y brick store-building, peak, iron-plate roof; cost, $3,000; owners, N. Y. C. & H. R. R. R. Co.; architect, Walter Katte, Grand Central Depot, Fourth Ave. and Forty-second St.

Broadway, n e cor. Bleecker St., eight-st'y fire-proof building, first two stories red sandstone, and above brown brick, is to be built for the Manhattan Savings Institution; cost, abt. $300,000; architect, Stephen D. Hatch.

The edifice previously reported to be built by the Union Trust Co. at Nos. 78-80-82 Broadway is to be ten stories high, and is to be built from plans of George B. Post.

RAILROAD BUILDINGS.

Cincinnati, O.—Louisville & Nashville R. R. Co., frame freight-house; cost, $20,000; architect, R. Montford.

SCHOOL-HOUSES.

Grand Rapids, Mich.—Mr. A. E. Yervex and others will build a normal business college; cost, abt. $20,000; architect, S. J. Osgood; no contracts let as yet.

Waco, Texas.—Waco Female College; cost, $200,000; architects, Larmour & Herbert.

STABLES.

Boston, Mass.—*Morris St.*, near Marion St., Ward 1, frame stable and tool-house, 16′ x 24′; owner, City of Boston.

Savin Hill Ave., rear, *No.* 206, Ward 24, frame barn, 25′ x 40′; owner, F. O. Vegelahn; builder, D. W. Hurd.

Somerville, Mass.—*Vinal Ave.*, *No.* 15, frame stable, 15′ x 18′; owner and builder, Robert H. Barton.

STORES.

Brooklyn, N. Y.—*Willoughby Ave.*, s s, 50′ w Broadway, three-st'y brick store, gravel roof; cost, $10,000; owner, B. J. Warner, 81 Morton St.; architect, W. Jones; builders, W. & T. Lamb, Jr.

President St., n e cor. Sixth Ave., four-st'y brick store and tenement, gravel roof; cost, $10,000; owner, James A. Bills, 299 Evergreen Ave.; architect, F. B. Langston.

Union St., s e cor. Sixth Ave., four-st'y brick store and tenement, gravel roof; cost, $15,000, owner and architect, same as last.

Ralph Ave., n w cor. McDonough St., four-st'y brick store and tenement, tin roof; cost, $10,000; owner, Samuel R. Good, 507 McDonough St.; architect, A. Hill.

Nostrand Ave., s e cor. Pulaski St., 2 four-st'y brick stores and tenements, tin roofs; cost, $15,000; owner, Frank Knobel, on premises; architects, D. Acker & Son; builder not selected.

BUILDING INTELLIGENCE.

Bergen St., s s, 95′ e Clason Ave., 5 four-st'y brick stores and tenements, gravel roofs; cost, each, $5,000; owner, Geo. R. Brown, 26 Court St.; builders, L. E. Brown and J. F. Kentana.

Myrtle Ave., n e cor. Gates Ave., four-st'y brick store and tenement, tin roof; cost, $15,000; owner, Claus H. W. Doscher, 907 Myrtle Ave.; architect, F. Holmberg.

Glenmore Ave., s e cor. Hendrix St., three-st'y frame (brick-filled) store and tenement, tin roof; cost, $5,000; owner, A. Alzhenner; architect, T. Engelhardt.

Washington Ave., n w cor. St. Marks Ave., 4 four-st'y brick stores and tenements; total cost, $32,000; owner and builder, Philip Sullivan, Patchen Ave., s w cor. Decatur St.; architect, H. Vollweiler.

St. Nicholas Ave., n w cor. Stockholm St., two-st'y frame store and dwell., tin roof; cost, $3,300; owner, Casper Kaufman and wife, Ellery St., cor. Beaver St.; architects, Schrempf & Loeffler.

Reid Ave., w s, 20′ s Kosciusko St., 3 four-st'y brick stores and tenements, tin roofs; cost, each, $8,000; owner, Margaretha Mulvihill, on premises; architect, H. Vollweiler; builder, N. Mulvihill.

Eastern Parkway, s e cor. Thatford Ave., two-st'y frame store and dwell., tin roof; cost, $3,000; owner and contractor, Jacob Lipps, 74 Meeker Ave.; mason, M. Skidmore.

Van Brunt St., e s, 75′ s Sullivan St., four-st'y brick store and flat, tin roof; cost, $8,000; owner, V. Donovan, on premises; architect, D. J. Lynch.

Seventh Ave., w s, 22′ s Eighth St., 4 four-st'y brownstone stores and dwells., tin roofs; cost, each, $7,000; owner, Chas. Nickenig, 437 Ninth St.; architect, W. H. Wirth; builder not selected.

Seventh Ave., s w cor. Eighth St., four-st'y brownstone store and tenement, tin roof; cost, $8,000; owner, Charles Nickenig, 437 Ninth St.; architect, W. H. Wirth; builder not selected.

Reid Ave., e s, 22′ s Putnam Ave., 6 three-st'y brick stores and tenements, tin roofs; cost, each, $6,500; owner and mason, Richard D. Robbins; architect, H. Vollweiler; contractor not selected.

Cincinnati, O.—Mrs. W. Truhlar, brick store, 424 Walnut St.; cost, $5,500; architect, W. W. Franklin.

Michael Habig, three-and-one-half-st'y brick store and tenement, 84 Gest St.; cost, $5,200; architect, A. J. Bast.

New York, N. Y.—*James St.*, *No.* 7, six-st'y brick store-building, tin roof; cost, $14,000; owner, Solomon Jacobs, 116 East Seventy-sixth St.; architects, Kurtzer & Rohl, cor. Third Ave., and Seventh St.

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BUILDING INTELLIGENCE.

One Hundred and Twenty-fifth St., Nos. 144-146, four-st'y brick store, tin roof; cost, $35,000; owner, Archibald D. Russell, 257 Madison Ave.; architects, Renwick, Aspinwall & Russell, 71 Broadway.

Twelfth St. (Little West), Nos. 41-47, four-st'y brick store-building, tin roof; cost, $35,000; owner, John Jacob Astor; lessee, Chas. H. Wing, 233 Quincy St., Brooklyn, N. Y.; architects, Higgs & Rooke, 835 Broadway.

Third Ave., No. 2282, two-st'y brick store, tin roof; cost, $7,000; owner, Wm. B. Rice, 2284 Third Ave.; architect, T. B. Welter, 179 East One Hundred and Sixteenth St.

Wooster St., No. 197, six-st'y brick store, tin roof; cost, $18,000; owner, Chas. A. Whitney, *et al.*, 140 East Forty-fifth St.

Philadelphia, Pa.—*Eleventh St.*, w s, n Cumberland St., three-st'y store; owner, John Loughran.

Huntingdon St., s s, ab. Eleventh St., brick store.

Cumberland St., n s, ab. Eleventh St., brick store; owner, John Loughran.

Richmond St., No. 2836, three-st'y store and dwell.; owner, A. McClay, 3026 Richmond St.

St. Louis, Mo.—Two-st'y brick store and rooms; cost, $2,800; owner, Jacob Mueller; contractor, Jno. Dunmeyer.

Three-st'y brick store; cost, $9,000; owner, J. M. Carpenter; architect, F. Brown; contractor, B. Brady.

Six-st'y brick store; cost, $25,000; owner and architect, J. W. Givens.

Five-st'y brick store; cost, $25,000; owner, S. M. Dodd; architects, Tully & Clark; contractors, Milburn & Rich.

Two-st'y brick store; cost, $7,000; owner, Mary A. Quin; architects, P. F. Meagher & Son; contractor, T. J. Kelly.

Two-st'y and mansard brick store and rooms; cost, $5,960; owner, Joe Machtschek; contractor, J. Welschauser.

Two-st'y and mansard brick store and rooms; cost, $7,000; owner, G. Schuckmann; architect, W. G. Gains.

Two-st'y brick store and rooms; cost, $8,500; owner, H. C. Meyer; architect, H. E. Piepers; contractor, F. Federmann.

Two-st'y brick store; cost, $2,500; owner, Wm. L. Balson.

TENEMENT-HOUSES.

Brooklyn, N. Y.—*Ewen St.*, s e cor. Ainslie St., three-st'y frame (brick-filled) tenement, tin roof; cost, $5,200; owner and builder, Martha B. Johnston, 512 Grand St.; architect, Th. Engelhardt.

Gates Ave., n s, 100′ e Bushwick Ave., 6 three-st'y frame (brick-filled) tenements, tin roofs; total cost, $27,000; owners and builders, Wm. Wolf and A. Heurich, 1209 Myrtle Ave.; architect, Th. Engelhardt.

Central Ave., No. 121, bet. Starr and Troutman Sts., three-st'y frame (brick-filled) tenement, tin roof; cost, $4,800; owner, Edward Hechinger, 119 Central Ave.; architect, F. Holmberg.

Wyckoff Ave., s e cor. Ralph St., 2 three-st'y frame (brick-filled) tenements, tin roofs; total cost, $9,000; owner and builder, Ludwig Kunz, 1460 Gates Ave.; architect, Th. Engelhardt.

Fourth Ave., e s, 50′ 2″ Forty-seventh St., four-st'y frame (brick-filled) tenement, tin roof; cost, $5,000; owner, A. P. Winnerstrom, Third Ave. and Fifty-third St.; architects, H. L. Spicer & Son.

BUILDING INTELLIGENCE.

Harman St., n s, 100′ e Wyckoff Ave., 4 three-st'y frame (brick-filled) tenements, tin roofs; total cost, $12,000; owner and builder, C. Stebbins, Forrest St., near Bremen St.; architects, D. Acker & Son.

Troutman St., Nos. 166-168, 2 three-st'y frame (brick-filled) tenements, tin roofs; cost, each, $8,000; owner and builder, Otto Singer, 164 Troutman St.; architects, D. Acker & Son.

Ellery St., No. 120, three-st'y frame (brick-filled) tenement, tin roof; cost, $5,000; owner and builder, John Renz, on premises; architects, Schrempf & Loeffler.

Clason Ave., s w cor. Putnam Ave., four-st'y brownstone tenement, tin roof; cost, $10,000; owner, Miss Churchmann, 66 Putnam Ave.; architect, A. Hill; builder, W. O. Thompson.

Elm St., No. 217, three-st'y frame (brick-filled) tenement, tin roof; cost, $4,500; owners and builders, Church & Goff, Wyckoff and De Kalb Aves.; architects, D. Acker & Son.

Delmonico Pl., w s, 102′ n Park Ave., 2 three-st'y frame (brick-filled) tenements, tin roofs; total cost, $8,000; owner, Frederick Hauck, on premises; architects, D. Acker & Son.

Park Ave., n s, 112′ w Delmonico Pl, 2 four-st'y frame (brick-filled) tenements, tin roofs; total cost, $9,000; owner, Frederick Hauck, on premises; architects, D. Acker & Son.

India St., n s, 225′ w Oakland St., three-st'y frame (brick-filled) tenement, gravel roof; cost, $3,500; owner, Patrick Connell, India St.; architect, F. Weber; builders, J. A. & W. H. Port and Gately & Smith.

McDonough St., s s, 20′ w Patchen Ave., four-st'y brick and brownstone tenement, tin roof; cost, $18,000; owner, J. J. Fleming, Morse Ave., and Eastern Parkway; architect, W. Danmar; builder not selected.

McDonough St., s s, 230′ w Patchen Ave., four-st'y brick and brownstone tenement, tin roof; owner, architect and builder, same as last.

Leonard St., No. 601, w s, 120′ s Norman Ave., three-st'y frame tenement, tin roof; cost, $4,750; owner, Albert Stearns; architect, P. Tillion.

Siegel St., s s, 100′ e Leonard St., four-st'y frame (brick-filled) tenement, tin roof; cost, $4,000; owner, Edward Keesey, 42 Siegel St.; architect, J. Fletcher.

Powers St., No. 82, s s, 100′ w Leonard St., four-st'y frame (brick-filled) tenement, tin roof, cost, $6,500; owner, A. Karuts; architect, A. Herbert; builder not selected.

North Seventh St., No. 213, n s, 125′ e Driggs St., four-st'y frame (brick-filled) tenement, tin roof; cost, $6,500; owner, William Hamilton, 120 Lee Ave.; architect, A. Herbert; builder not selected.

New York, N. Y.—*Willett St., Nos.* 115-117, 2 five-st'y brick tenements, tin roofs; cost, $28,000; owner, Catharine T. Riley, 145 East Thirty-fourth St.; architect, William Graul, 215 Bowery.

One Hundred and Twenty-second St., s s, 80′ w Fourth Ave., 5 five-st'y brick tenements, tin roofs; cost, $70,000; owner, William Lyman, 52 East One Hundred and Twenty-second St.; architec . Edward Wens, 1491 Third Ave.

St. Louis, Mo.—Two-st'y brick tenement; cost, $4,000; owners, G. Koppelman & Co.; architect, C. F. May; contractors, Bierman & Ahring.

Two-st'y brick tenement; cost, $2,900; owner, F. Behring; contractor, C. Schultheis.

Two-st'y brick tenement; cost, $4,000; owner, C. Bechtes; contractor, B. Stocke.

BUILDING INTELLIGENCE.

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New York, N. Y.—For Edward Harrigan, a syndicate of capitalists will have a theatre built from plans of Francis H. Kimball on a site not yet decided upon.

WAREHOUSES.

Baltimore, Md.—Thos. G. Morrow will build a two-st'y brick warehouse, e s Eutaw St., bet. Lexington and Clay Sts.

Chicago, Ill.—H. H. Forsythe, four-st'y warehouse; cost, $40,000; architect, J. H. Wagner.

St. Louis, Mo.—One-st'y brick warehouse; cost, $5,000; owners, Linseed Oil Co.; contractor, J. Scheuch; architects, Jungenfeld & Co.

MISCELLANEOUS.

Baltimore, Md.—Mt. Vernon Co., two-st'y brick building.

Boston, Mass.—*Sleeper St.*, near Congress St., Ward 13, one-st'y storage, flat roof, 60′ x 125′; owners, Boston Wharf Co.; builder, L. K. Marston.

Brooklyn, N. Y.—*Linden St.*, n s, 97′ 4″ e Evergreen Ave., three-st'y frame brewery, boiler-house, machine and store houses, tin roofs; total cost, $20,000; owner, Frank Ibert, Evergreen Ave., cor. Linden St.; architect, Th. Engelhardt.

Paidge Ave., n s, 20′ from Setauket St., one-st'y frame shop, gravel roof; cost, $3,000; owners, Union Iron Works; builders, C. T. Robinson and T. Davis.

Chicago, Ill.—A. H. Andrews & Co., two-st'y dry-house; cost, $4,000; architect, H. J. Morton.

Little Rock, Ark.—Athletic Association, club and boat house; cost, $10,000; architects, Bartlett & Thompson.

New York, N. Y.—*Hester St., No.* 114, six-st'y brick workshop, tin roof; cost, $10,000; owner, Isaac Blumenberg, 58 East Broadway; architect, Fred Ebeling, 99 East Third St.

Suffolk St., No. 84, five-st'y brick workshop, tin roof; cost, $8,000; owner, Mrs. Dora Stein, 225 East Broadway; architects, Flemer & Koehler, 261 Broadway.

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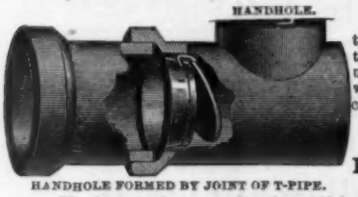

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BUILDING INTELLIGENCE.

academy, tin roof; cost, $30,000; owner, James Rozell, 238 West Thirty-eighth St.; architect, G. Robinson, Jr., 149 East One Hundred and Twenty-fifth St.

Philadelphia, Pa.—*West Fortieth St., No.* 51, rear, two-st'y brick workshop; owner, Thomas C. Sloan.

Forty-three-and-one-half St., w s, ab. Ogden St., two-st'y brick workshop; owner, Thomas C. Sloan, 51 West Fortieth St.

St. Louis, Mo.—Two-st'y brick hall and rooms; cost, $6,500; owner, J. A. Mahler; architects and contractors, J. B. Lindsley & Son.

One-st'y brick electric works; cost, $15,000; owners, Missouri Electric Light and Power Co.; architects and contractors, Millburn & Rich.

Three-st'y brick hall; cost, $18,000; owners, Benton Hall Association; architect, C. C. Helmers; sublet.

One-st'y saloon; cost, $4,000; owner, Chas. Starke; architect, R. M. Berger; contractor, G. H. Franel.

One-st'y hall; cost, $2,940; owners, Church of the Holy Cross; architect, A. Beinke; contractor, C. Kellermann.

PROPOSALS.

PROPOSALS FOR DREDGING.—United States Engineer Office, Cleveland, O., February 9, 1889. Sealed proposals, in duplicate, will be received at this office until 12 o'clock M., on Saturday, the 9th day of March, 1889, and then opened, for excavating 920,000 cubic yards, more or less, of material from Maumee Bay along line of proposed straight channel for Toledo Harbor, O. Preference will be given to materials and plant of domestic production or manufacture, conditions of quality and price (import duties included) being equal. The attention of bidders is invited to Acts of Congress approved February 26, 1885, and February 23, 1887, Vol. 23, page 332, and Vol. 24, page 414, statutes at large. All information can be obtained at this office. The United States reserves the right to reject any or all proposals. L. COOPER OVERMAN, Major of Engineers. 689

FURNITURE. [At Cincinnati, O.]

Sealed proposals will be received at the office of Clerk of the Board of Education, Public Library Building, **until 12 o'clock, noon, Monday, March 11, 1889,** for school furniture, castings, etc., for the remainder of the current school year, according to specifications on file in said office.

Each bid must contain the name of every person interested therein, and must be accompanied by a guaranty in the sum of $1,000 of some disinterested person, that if the bid is accepted a contract will be entered into and the performance of it properly secured.

Bids must be upon blank forms, to be obtained in the above office.

Bids must be plainly marked "Proposals for Furniture."

The Board reserves the right to reject any or all bids.

SAMUEL WEIL, JR.,
689 Chairman Furniture Committee.

HOSPITAL. [At Cincinnati, O.]

SUPERINTENDENT'S OFFICE,
CINCINNATI HOSPITAL, February 9, 1889.

Sealed proposals will be received at this office **until 4 o'clock** P. M., **March 13, 1889,** for additions to and improvements of the hospital buildings, consisting of extensions, alterations, a new amphitheatre, addition to library, and a new gasometer.

Plans and specifications may be seen at the office of A. C. Nash, architect, 36 and 34 Carlisle Building.

The Board of Trustees reserves the right to reject any or all bids.

By order of the Board.

T. E. H. McLEAN,
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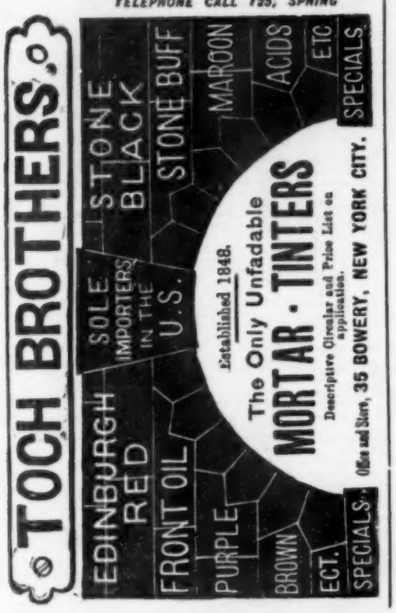

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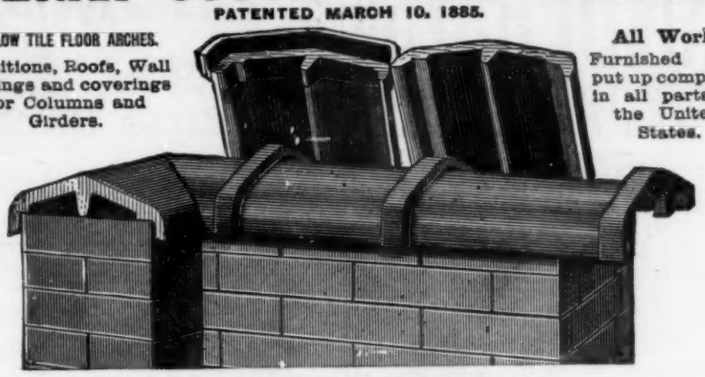

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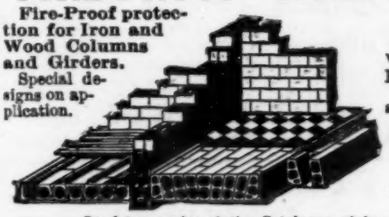

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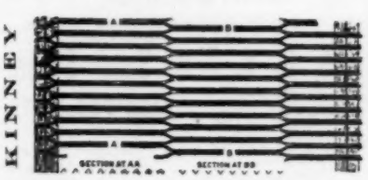

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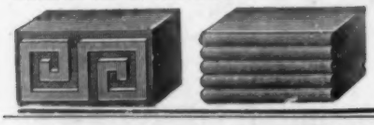

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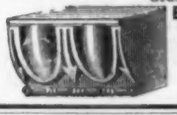

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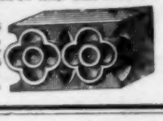

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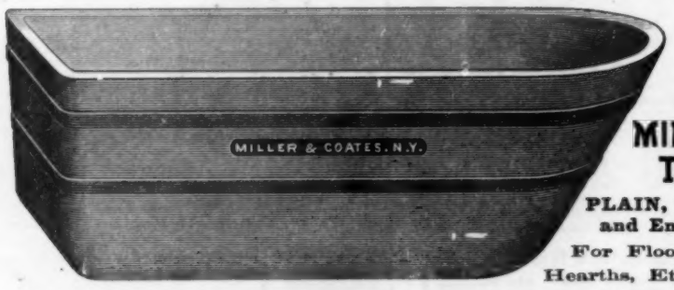

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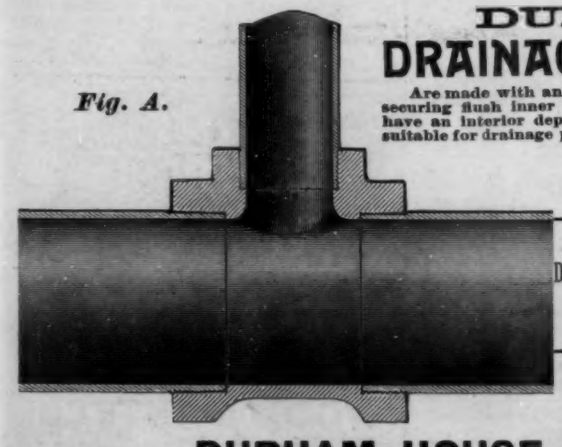

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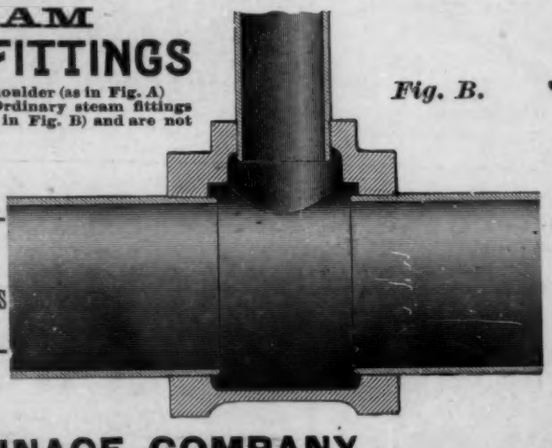

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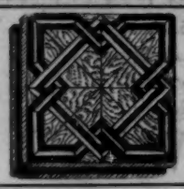

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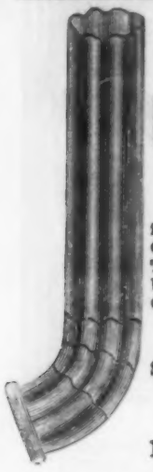

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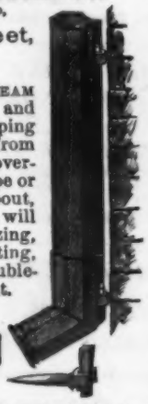

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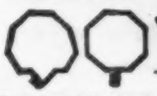

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Cypress. Split...7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 75 @ 4 25	11 00 @ 14 00
Miscellaneous:				
Piles ₱ ft.	4½ @ 5½	Piles 6c. ₱ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	4) @ 1 25
Chestnut "	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: ₱ M. (*First Qual.*				
Ash [*Kiln dried.*]	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	45 00
Cherry	80 00 @ 120 00	65 00 @ 120 00	80 00 @ 110 00	7 00 @ 80 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 5500	70 00 @ 80 00
Hard-pine floors (rift)		48 00 @ 50 00		
Mahogany, Baywood [Mexican]	@180 00	150 00 @ 160 00	150 00 @ 180 00	150 00 @ 250 00
" St. Domingo	@350 00	120 00 @ 350 00	220 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	25 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	35 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 80 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 45 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	30 00 @ 75 00	45 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ₱ lb	@ 5		@ 7	
Spruce floors (clear, kiln-dried)		30 00 @ 32 00		
Walnut, black	125 00 @150 00	85 00 @ 120 00	80 00 @ 110 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	30 00 @ 35 00	25 00 @ 40 00
Yellow pine ₱ M	@ 45 00	40 00 @ 42 00	30 00 @ 35 50	27 50 @ 45 00

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BRICK.—₱ M.	New York. (Wholesale Prices.)	Boston. (Prices to Builders and Contractors.)	Chicago. (Prices to Builders and Contractors.)	Philadelphia. (Prices to Builders and Contractors.)
Common: *Cargo afloat.*				
Pale	3 50 @ 4 00	Eastern }	Building Brick	Sq. Hard @ 12 00
Jersey	6 50 @ 7 00	$ 50 @ 9 00 }	6 50 @ 7 00	" @ 12 00
Long Island	8 00 @ 8 50	Bay State Hard	}	Salmon @ 7 00
Up River	7 50 @ 8 00	9 50	}	Sq. " @ 9 00
Haverstraw Bay 2nd	@ 8 00	Domestic Com.	Indiana Pressd	Light Stretchers
" 1st	8 25 @ 8 50	9 50 @ 10 00	16 00 @ 22 00	@ 12 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Medium "
Fronts		20 00 @ 22 00	@ 27 00	@ 14 00
Croton, Brown	14 00 @ 15 00	Philadelphia }		Red "
" dark	15 00 @ 16 00	40 00 @ 45 00 }		@ 15 00
" red	15 00 @ 16 00	Phila. mould }		Dark "
Chicago pressed (Anderson)		50 00 @ 80 00 }		@ 15 00
Chicago Moulded (Anderson)			18 00 @ 27 00	Pressed
Baltimore	37 00 @ 41 00	Anderson	65 00 @ 350 00	22 00 @ 25 00
Philadelphia	27 00 @ 28 00	14 00 @ 32 00	@ 55 00	Best Paving
Trenton	@ 27 00		45 00 @ 50 00	@ 16 00
Milwaukee			45 00 @	2cond "
Moulded:			25 00	@ 14 00
Clark's Glens Falls—Red	25 00 @ 27 00		60 00 @ 100 00	Third "
" —White	30 00 @ 35 00		30	@ 13 00
White " Mold	45 00 @ 60 00		35	
Enamelled: *Imp.*			55 00 @ 65 00	
Enamelled (edge.)	85 00 @ 100 00			
Enamelled (edge and end)	90 00 @ 115 00		@ 100 00	
			@ 120 00	Dom. @ 65
CEMENT, LIME, etc.—(₱ *cask.*)				@ 85
Rosendale Cement	1 15 @ 1 25			
Louisville "		@ 1 40	*Not Sold.*	1 30 @ 1 50
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	*Not sold.*	1 05 @ 1 30	B & S.E. 275 @ 300
Portland, English (Gibbs)	2 50 @ 3 00	@ 3 00	1 00 @ 1 25	2 85 @ 3 25
" " (K. B. & S.)	2 35 @ 2 50	@ 2 85	2 75 @ 3 25	2 85 @ 3 15
" " Black Cross	2 25 @ 2 50	@ 2 85	3 00 @ 3 25	2 75 @ 3 00
" " (Burham)	2 50 @ 2 80	@ 2 85	3 00 @ 3 25	2 85 @ 3 15
" " (White's)	2 65 @ 3 00	@ 2 85	2 90 @ 3 15	2 50 @ 2 75
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 00 @ 3 25	
" German (Alsen)	2 35 @ 2 85	3 00 @ 3 50	3 75 @ 4 25	Hemmoor
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 00 @ 3 25	2 50 @ 2 75
" " (Vorwohler)	2 50 @ 2 90		2 80 @ 3 15	2 50 @ 2 75
" " (Lagerdofer)		*Not sold.*	2 80 @ 3 15	Jossop
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	2 75 @ 3 00	2 50 @ 2 75
" " (Hanover)	2 50 @ 3 00		3 25 @ 3 50	2 85 @ 3 25
" " Stettin, (Anchor)	2 35 @ 2 85		*Not Sold.*	2 75 @ 3 00
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	*Not Sold.*	
Roman	2 75 @ 3 00	@ 3 20	2 75 @ 3 00	2 50 @ 2 75
Keene's coarse	5 75 @ 6 50	@ 6 00	2 75 @ 3 25	3 00 @ 3 50
" superfine	9 25 @ 10 25	@ 11 50	7 00 @ 7 50	6 50 @ 7 00
Lime			11 00 @ 12 00	8 00 @ 9 00
Lime of Teil	3 50 @ 4 00			
Hydraulic Lime	@ 1 45		*Not sold.*	White Lime
Chicago Lime in bulk		@ 1 35		25 @ 30 ₱ bush
Wisconsin "		St. John 1 00	55 @	White Mass
Rockland and Rockport, (Com.)	@ 1 00		60 @	1 25 @ 150
Rockland and Rockport, finish	@ 1 20	@ 1 05	*Not sold.*	1 00 @ 1 00
Kelley Island Lime, finish	@ 1 20	@ 1 10	*Not sold.*	
State, com. cargo rates (nom.)	@ 85	@ 1 20	1 00 bulk, 75c.	
State, finishing "	@ 1 10	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined.)	1 20 @ 1 25	*Not sold.*	*Not sold.*	*Not sold*
" (casting)	1 30 @ 1 35	1 85 @ 2 00	1 85 @ 1 90	1 25 @ 2 25
Hair (Cattle) ₱ bush	18 @ 21	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
" (Goat)	25 @ 28	25 @ 30	20 @ 25	22 @ 30
Sand, ₱ load	1 00 @ 1 25	@ 90	30 @ 55	30 @ 35
STONE. (₱ *cubic foot, rough.*)		1 75 @ 1 90	@ 60	@ 1 50
Granite: (*Maine*)				
Limestone:		@ 60		55 @ 65
Bedford	45 @ 1 25			
Joliet	@ 1 00	90 @ 1 00	50 @	75 @ 90
Lemont			35 @ 55	Richmond
Serpentine			35 @ 60	75 @ 1 50
			@ 1 00	4 50 ₱ Perch

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Foundation:				
Dimension	@	5 00 ℔ ton	20 @ 2	@ 5 00
Block	@	4 60 ℔ perch		Conshocken
Rubble	@	1 25 @ 1 50	3 50 @	1 45 @ 2 50
Bluestone: (℔ sq. ft.)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 20
Planed	50 @ 6 00	75	50 @ 1 00	45 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		95 @ 1 16
Kibbe	@ 90	90 @ 1 10		
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	55 @ 1 00
Beres } Ohio	75 @ 1 00	80 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 40
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 00 @ 1 10
Caen	@	@ 2 00	"	1 25 @ 1 50
Carlisle. English	@ 1 05	80 @ 90		95 @ 1 10
Corse Hill (Scotch)	1 05			
Marble (℔ cu. ft.				
Lee, Mass.	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and Blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined	@	50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna	@	3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red	@	1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville	@	85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not sold.*	2 00 @ 3 00
Vermont, white	@	1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate; Roofing (℔ square)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 50 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 8 85	3 25 @ 4 00
" " Chapmans	@	@	7 30 @ 8 60	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 00 @ 7 50	7 00 @ 9 50	@ 5 25
Tiles, Am. ℔ M.	@	@	*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil, ℔ lb.*)				
White lead, Am.	7 @ 7½	7 @ 7½	6½ @ 7½	7 @ 7½
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	6 @ 6½
Red lead, Am.,	6½ @ 7	7 @ 7½	6½ @ 7½	6½ @ 6½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. 60
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	@ 16
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" @ 24
Black, lamp,	15 @ 25	15 @ 25	8 @ 30	@ 15
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw) (℔ gal.)	56 @ 58	58 @ 60	56 @ 57	@ 56
" " boiled	59 @ 61	61 @ 63	59 @ 60	@ 59
Turpentine	52 @ 53	54 @ 57	50½ @ 54½	@ 50
Varnish, coach	@	1 50 @ 6 00	1 25 @ 2 00	1 25 @ 3 50
Shellac	@	2 50 @ 3 00	2 25 @ 4 00	2 25 @ 3 00
Putty	2 @	2 @ 4	02 @ 02½	1½ @ 2½
Whiting } dry	75 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.,) } dry	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Litharge, Am. } dry	5½ @ 6	5½ @ 6½	6½ @ 7½	6 @ 6½
Sienna (burnt) } dry	16 @ 20	14 @ 20	4 @ 16	@ 14
Umber. " } dry	14 @ 20	14 @ 20	2 @ 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85		2 15 @	pr kg @ 2 10
10d. common	@ 2 60	@ 2 20	@ 2 25	@ 2 30
Shingle	@ 3 35	@ 2 70	@ 2 75	@ 3 40
Lath	@ 4 85	@ 3 70	@ 3 65	4 50 @ 5 50
Finishing nails according to size.			Add .85 to $1.15	per ℔ 11 @ 14
(For casing nails add 75c. per keg.)			" .50 to .90	Add pr cask
Butts: 4"x 4" (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 16
Japanned	@ 1 50	@ 1 75	*Not sold.*	1 75 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 75 @ 2 00
Ball Tip, Boston Finish. ℔ pair.)	@ 65	@ 50	*Not sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 45
Brass (*of cupboards*)	@ 10	@ 10	@ 12	@ 1 00
Ebony				@ 35
Apple wood				37 @ 1 00
Knobs; (℔ Set.)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hematite	*Not sold*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 1 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 %	22 @ 35
Sheet Lead		@ 6½		
Lead Pipe		@ 6		
Iron:				
I-Beams, up to and including 30 ft.	3 3-10 @ 3½	2 8-10 @ 3	@ 4	@ 2 8-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance.	@	@	@ 4	@ 2 8-10
Channel-Beams	3 3-10 @ 3½	2 8-10 @ 3	@ 4	@ 2 8-10

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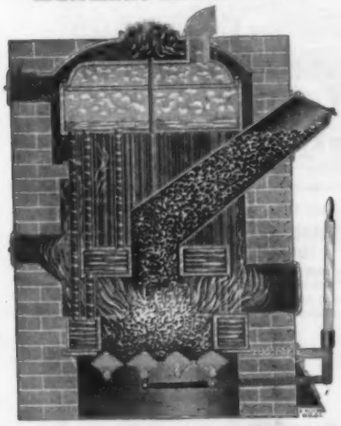

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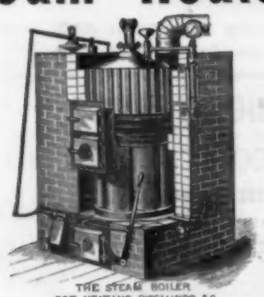

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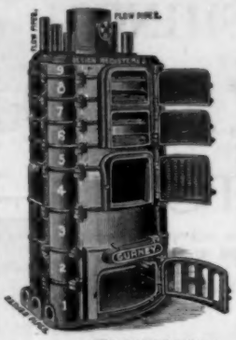

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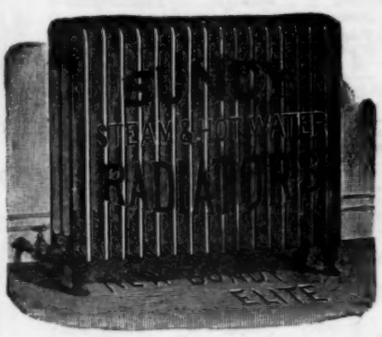

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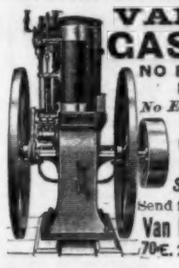

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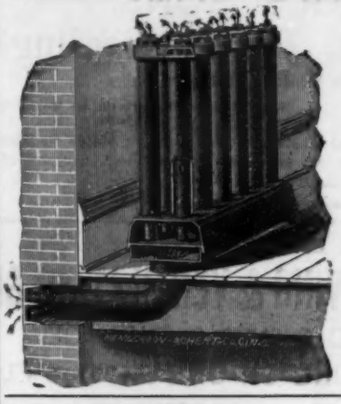

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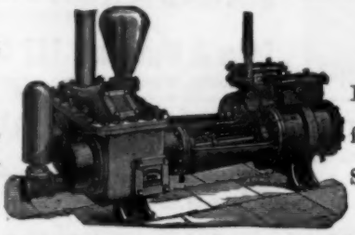

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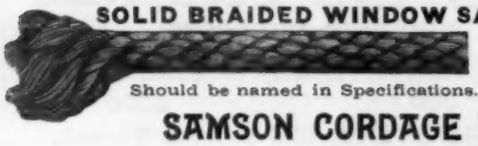

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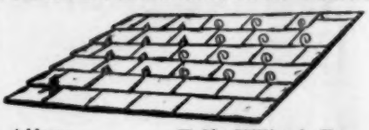

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New Advertisements.

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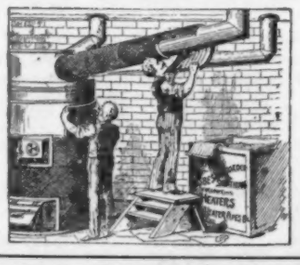

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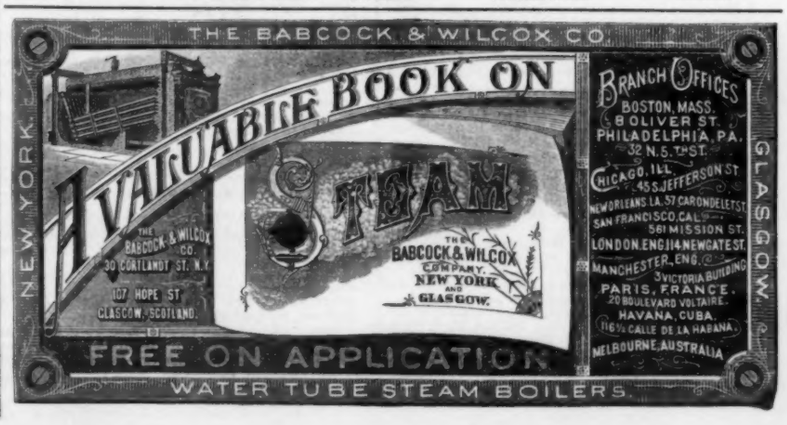

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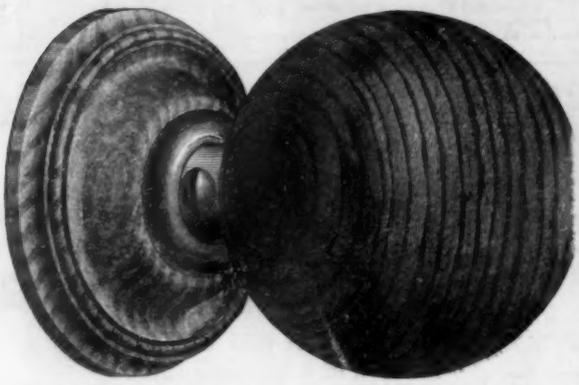

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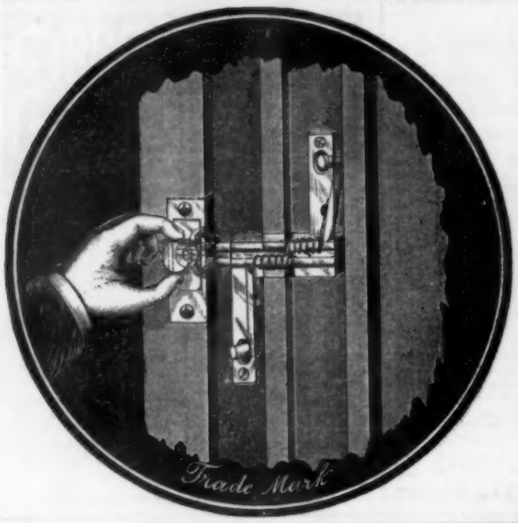

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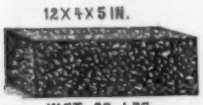

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(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Arlington, Mass.—Alterations to frame dwell.; owner, Wm. J. Niles; contract to be let; architect, Willard M. Bacon, Boston.

Boston, Mass.—*Enfield St.*, near Spring Park Ave., Ward 23, remodelling frame dwell.; owner, Jesse L. Williams; builder, W. S. Sumner.

Sackville St., No. 19, *rear, and Cook St. Ct., No.* 11, Ward 4, alter factory to dwell.; owner, A. O. Lindsay.

Brooks St., No. 77, cor. Bennington St., Ward 1, additions and alterations to frame dwell.; owner and builder, James Menzier.

Cook St., No. 33, Ward 4, alterations to frame dwell.; owner, M. Kearins; builder, J. Doherty.

Hancock St., No. 235, rear, Ward 24, alter stable to dwell.; owner, T. E. Jacobs; builder, R. T. Park.

Meridian St., Nos. 60-64, Ward 2, remodel fronts of frame dwells.; owners, H. Carsen, *et als.*; builder, J. C. Berry.

BUILDING INTELLIGENCE.

Austin St., No. 60, Ward 5, alterations to dwell. and store; owner, T. C. Crowley; builder, A. C. Shifield.

Chicago, Ill.—Wm. Seymour, three-st'y addition, West Taylor St.; cost, $7,400; architect, J. A. Milner.

H. G. Rand, two-st'y addition, Claremont St.; architect, J. Shiller.

J. Veta, two-st'y addition, West Ohio St.; architects, F. Guerra & Co.

T. Dougal, two-st'y addition, Kenzie St.; cost, $3,800; architect, J. Hodgson.

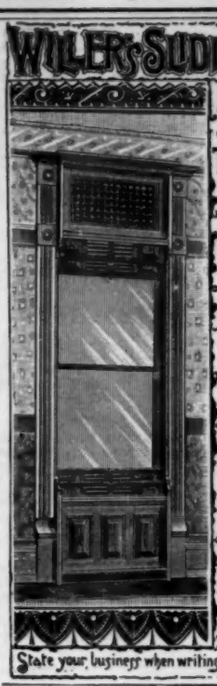
G. Reichhold, three-st'y addition, Carpenter St.; cost, $4,500; architect, F. Ritter.

New York, N. Y.—*Broadway, No.* 258, five-st'y brick office-building, internal alterations, etc.; cost, $25,000; lessees, Rogers, Peet & Co., 560 Broadway; architect, Henry J. Hardenbergh, 10 West Twenty-third St.

Twelfth St., No. 17, four-st'y brick flat, extension and internal alterations; cost, $10,000; owner, Mary L. Morgan, 183 Hull St., Brooklyn, N. Y.; architect, W. Scott West, 280 Broadway.

Sixth Ave., No. 914, four-st'y brick flat, repair where damaged by fire; cost, $5,000; owner, Michael Bergman, 113 West Seventieth St.; architect, E. M. Hackett, 237 East Thirty-third St.

Grand St., No. 393, three-st'y brick store, extension and internal alterations; cost, $5,000; owners, Trustees of Catharine L. Kernochan, 3 Mercer St.; architects, John B. Snook & Sons, 12 Chamber St.



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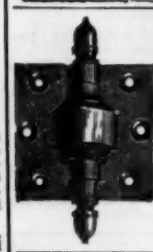

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East Thirty-second St., No. 12, four-st'y brick dwell., extension and internal alterations; cost, $5,000; owner, Albert Guerin, 178 East Sixty-fourth St.; architect, Edward Wenz, 1491 Third Ave.

Pearl St., No. 192, four-st'y store-building, internal alterations, etc.; cost, $3,500; owners, J. & B. Lichtenstein, 123 East Eighty-fourth St.; architects, Cleverdon & Putzell, 110 East One Hundred and Twenty-fifth St.

East Fourth St., No. 316, three-st'y brick church, extension and internal alterations; cost, $3,500; owners, Congregation Bnai Faiser, 110 Avenue C; architect, Fred Ebeling, 99 East Third St.

East Sixty-first St., Nos. 100-102, five-st'y brick dwell., internal alterations; cost, $15,000; owners, Sarah Londenboiger and E. G. Selschow, 102 East Sixty-first St. and 17 West One Hundred and Twenty-fourth St.

Park Row, No. 11, *and Ann St., Nos.* 5-7-9-11, four and five-st'y brick office-building, internal alterations; cost, $5,000; owner, Joseph Pulitzer, 10 East Fifty-fifth St.; architect, S. B. Ried, 245 Broadway.

West Thirty-sixth St., Nos. 603-605-607, five-st'y brick factory, alterations, etc.; cost, $6,000; owner, Henry C. Dodge, 406 West Fifty-first St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Beaver St., No. 64, four-st'y brick office-building, internal alterations, etc.; cost, $10,000; owner, R. Lavina Bayard, Staten Island, N. Y.; architect, August Namur, 35 Broadway.

West Sixteenth St., No. 243, two-and-one-half-st'y brick dwell., addition and extension; cost, $3,700; owner Catharine M. Scott, 532 Hudson St.

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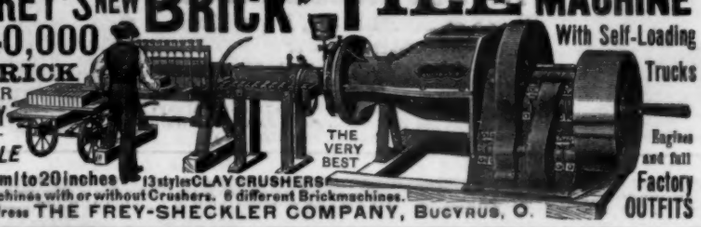

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Third St., No. 347, bet. Wood and Callowhill Sts., front alteration and a two-st'y brick back building; owner, Harry Lavett, 224 Callowhill St.

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[*Continued on page* xvi.]

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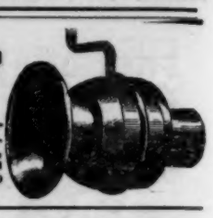

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East Seventy-first St., Nos. 242-243, 2 five-st'y brick flats, tin roofs; cost, $35,000; owner, Elizabeth Johnston, 53 East Ninety-first St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

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Sixty-ninth St., 144′ 6″ w Tenth Ave., five-st'y brick flats, tin roof; cost, $200,000; owner, Wm. K. Powers, 228 West One Hundred and Fifth St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

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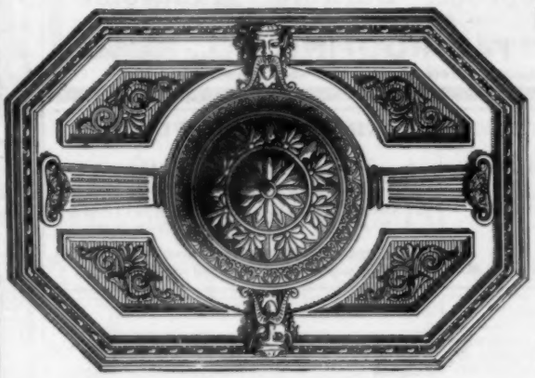

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HOUSES.

Arlington Heights, Mass.—Frame dwell., 28′ x 40′; owner, Geo. W. Perkins; contract to be let; architect, Willard M. Bacon, Boston.

Baltimore, Md.—Dr. A. C. Pole, three-st'y brick building, s w cor. Madison and Bloom Sts.

Robt. J. Noonan, three-st'y brick building, e s Eutaw St., bet. Franklin and Little Ross Sts.

John Wetomsky, three-st'y brick building, 609 e s Durham St.

Jos. J. Morris, 8 two-st'y brick buildings, e s Washington St., n North Ave.

John Reilly, 5 three-st'y brick buildings, e s St. Paul S., beg. s e cor. Second St.

Bellows Falls, Vt.—Two-st'y frame dwell.; cost, abt. $4,000; owner, Fred. H. Kimball; architect, H. W. Colby, Amesbury, Mass.; contract not yet awarded. The building will be built in the spring.

Two-st'y frame dwell.; owner, John Koche; contractor, S. W. Stewart.

Boston, Mass.—*Ocean St.*, near Welles Ave., Ward 24, frame dwell., 29′ 8″ x 37′; owner, Edward Lynch; builder, John Bass.

Ottawa St., No. 32, Ward 21, three-st'y frame dwell., flat roof, 26′ x 54′; owner and builder, J. P. Power.

Whitman St., No. 10, near Norfolk St., Ward 24, frame dwell., 24′ x 36′; owner and builder, J. F. Haddock.

Ashmont Park, near Ashmont St., Ward 24, frame dwell., 21′ x 43′; owner, Annie Riley; builder, Peter Riley.

Dorset St., near Boston St., Ward 15, frame dwell., 30′ x 51′; owner, James Govgan; builder, W. Eadie.

Lincoln St., No. 59, rear, Ward 25, frame dwell., 15′ x 20′; owner, John Dignan; builder, R. Ryan.

D St., Nos. 203-215, Ward 14, 7 two-st'y frame dwells., flat roofs, 22′ x 41′; owners and builders, Locke & Flint.

Monument St., Nos. 54-60, Ward 3, 4 three-st'y frame dwells., flat roofs, 21′ 6″ x 67′ 10″; owner, Michael Kelley; builder, A. B. Pinkham.

Chelsea St., No. 310, Ward 1, three-st'y frame dwell, flat roofs, 21′ x 40′; owner, Patrick Connors; builder, T. H. Newby.

Parker St., No. 812, Ward 22, three-st'y frame dwell., flat roof, 20′ x 48′; owner, Ellen F. Boyle; builder, W. Ballantyne.

Whitney St., No. 7, Ward 22, three-st'y frame dwell., flat roof, 25′ x 29′; owner, Martin Sherry; builder, T. Desmond.

BUILDING INTELLIGENCE.

Dennis St., No. 12, Ward 20, three-st'y frame dwell., pitch roof, 20′ x 46′; owner, John Nathan; builder, L. La Blanche.

Granville St., near Beech St., Ward 23, frame dwell., 23′ x 37′ 6″; owner, T. E. Sullivan; builder, Angus Crawford.

Morris St., near Marion St., Ward 1, 2 three-st'y brick dwells., flat roofs, 20′ x 35′; owner and builder, E. A. Harkins.

Alban St., near Welles Ave., Ward 24, frame dwell., 20′ x 40′; owner, Mrs. H. Furbush; builder, James Pope.

Henshaw St., near Centre St., Ward 23, frame dwell., 25′ x 40′; owner, J. A. Whittemore, Jr.; builder, W. S. Mitchell.

Dudley Ave., cor. Roslindale Ave. ext., Ward 23, frame dwell., 21′ x 27′; owner, J. McCarter; builder, W. T. Nelligan.

Canterbury St., near Angell St., Ward 23, three-st'y frame dwell., 33′ x 42′, pitch roof; owner and builder, G. S. Angell.

Saratoga St., No. 536, Ward 1, three-st'y frame dwell., flat roof, 24′ 6″ x 41′ 10″; owners, Maverick Oil Co.; builder, Wilbur Goodwin.

Leyden St., near Ford St., Ward 1, frame dwell., 24′ x 30′; owner, Peter Bonigli; builder, T. Yeoman.

Washington St., No. 2835, Ward 21, three-st'y frame dwell., flat roof, 24′ x 52′; owner, F. E. Hewings.

Chelsea St., No. 429, Ward 1, three-st'y frame dwell., flat roof, 24′ 6″ x 41′ 10″; owner, Maverick Oil Co.; builder, Wilbur Goodwin.

Wescott St., near Talbot Ave., Ward 24, two frame dwells., 27′ x 30′; owner and builder, H. H. Fernald.

Sycamore St., near Ashland St., Ward 23, frame dwell., 22′ x 41′, hip roof; owner, Mrs. M. Atherton; builder, E. A. Carter.

Selwyn St., near Hewlett St., Ward 23, two frame dwells., 22′ x 30′; owner, H. Hœckel; builder, F. Riedell.

Tuttle Ave., near Hartland St., Ward 24, frame dwell., 24′ x 32′; owner, C. J. Kelsey; builders, Hersee Bros.

Symmes St. near Walter St., Ward 23, frame dwell., 24′ x 30′; owner, J. C. Betts; builder, A. Rogers.

Angell St., s s, near Blue Hill Ave., Ward 23, two frame dwells., 28′ x 40′; owner and builder, G. C. Angell.

Metcalf St., cor. Houston St., Ward 23, frame dwell., 16′ x 21′; owner and builder, J. W. Giggey.

Sydney St., e s, near Savin Hill Ave., Ward 24, frame dwell., 24′ x 41′; owner, F. J. Whitney; builder, G. W. Hamilton.

Parker St., Nos. 974-976, cor. St. Catherine St., Ward 22, three-st'y frame dwell., flat roof, 26′ x 44′; owner, Owen Nawn; builder, S. McNeil.

Albion Pl., No. 24, *and Irving Pl.*, Ward 4, 2 three-st'y frame dwells., flat roofs, 25′ x 60′; owner, H. E. Wright.

Geneva Ave., near Columbia St., and also rear, three-st'y frame dwell., flat roof, 23′ x 27′; and two-st'y frame dwell., 23′ x 27′; owner, J. H. Doray.

Bayswater St., near Saratoga St., Ward 1, three frame dwells., 24′ 6″ x 36′ 6″; owners, Boston Land Co.; builder, P. M. Hayden.

Brooklyn, N. Y.—*Hancock St.*, n s, 135′ e Sumner Ave., 5 two-st'y brownstone dwells., gravel roofs; cost, each, $5,000; owner, architect and builder, Joseph C. Taylor, 83 Third Ave.

Carroll St., s s, 324′ e Eighth Ave., three-st'y brick and brownstone dwell., tin, tile and mansard roof; cost, $7,000; owner, Abby J. Bills, 299 Evergreen Ave.; architect, F. B. Langston; builder, J. A. Bills.

Van Siclen Ave., e s, 100′ s Arlington Ave., and Van Siclen Ave., e s, 150′ s Arlington Ave., 2 two-st'y frame dwells., shingle roofs; total cost, $3,600; owner, Jas. McGuigan, on premises.

Van Siclen Ave., w s, 50′ s Arlington Ave., 2 two-st'y frame dwells., shingle roofs; total cost, $3,600; owner, Jas. McGuigan, on premises.

Fourteenth St., n s, 75′ w Seventh Ave., two-and-a half-st'y brick and brownstone dwell., slate, tin and mansard roof; cost, $6,000; owner, John Gallagher, on premises; architect, G. W. Bush; builder, D. Ryan.

Keap St., s s, 125′ e Marcy Ave., four-st'y brick dwell., tin roof; cost, $3,500; owner and builder, John Levis, 213 Broadway; architect, Th. Engelhardt.

Greene Ave., n s, 350′ e Lewis Ave., 5 two-and-a-half-st'y dwells., tin roofs; cost, each, $6,000; owner, J. W. Woolley, Powell St. and Glenmore Ave.; architect, R. Dixon.

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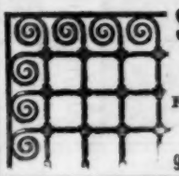

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sandstone and terra-cotta dwells., tin roofs; total cost, $40,000; owner and architect, Montrose W. Morris, 45-47 Exchange Pl., New York; builders, Peter Cleary and John Holler.

Madison St., n s, 260′ e Lewis Ave., 4 two and two-and-a-half-st'y brownstone dwells.; total cost, $15,-000; owner, Wm. Johnson, 224 St. John's Pl.; architect, J. W. Bailey; builder not selected.

Madison St., n s, 340′ e Lewis Ave., 3 two-st'y brownstone dwells., tin roofs; total cost, $12,000; owners, architects and builders, same as last.

Putnam Ave., s s, 80′ e Patchen Ave., 5 two-st'y brick dwells., tin roofs; cost, each, $6,500; owner, Charles W. Morton, 293 Hart St.; architect, R. E. Irons.

Cleveland St., w s, 200′ n Arlington Ave., two-st'y frame dwell., shingle roof, cost, $3,500; owners, Cook & Rocher; architect, W. Danmar; builders, H. Rocher and D. Cook.

Cleveland St., w s, 175′ n Arlington Ave., two-st'y frame dwell., shingle roof; cost, $3,500; owner, architect and builders, same as last.

Camden, N. J.—*Fourth St.*, s w cor. Chestnut St., brick dwell.; owner, Geo. Matthews, 427 Washington St.

Fifth St., e s, n York St., three brick dwells.; owner, Wm. T. Bailey, 203 State St.

Third St., w s, bel. Becket St., two-st'y brick dwell.; owner, Michael Gorman, 604 South Sixth St.

Mt. Vernon St., n s, w Eighth St., eight dwells.; owners, Robbins Bros.

Summer St., bel. Ferry Ave., 3 two-st'y frame dwells.; owner, J. F. Dorman.

Broadway, bel. Washington St., 4 three-st'y brick dwells.; owner, George Holl.

Chicago, Ill.—T. S. Miles, two-st'y dwell., Forest Ave.; cost, $4,000; architect, L. G. Quackenbos.

E. J. Wright, 2 two-st'y dwells., West Taylor St.; cost, $6,000; architect, Corliss.

W. Schultz, two-st'y dwell., Armitage Ave.; cost, $3,000; architect, H. Bornemann.

G. W. Burchard, 2 two-st'y dwells., Walnut St.; cost, $7,000; architects, G. Lehman & Sons.

H. Warren, three-st'y dwell., California Ave.; cost, $12,000; architects, Bauer & Hill.

W. D. Bishop, 2 two-st'y dwells., California Ave.; cost, $6,000; architect, L. B. Dixon.

W. Auer, two-st'y dwell., Wallace St.; architect, L. H. Heinz.

A. McIntosh, 2 three-st'y dwells., Indiana Ave.; cost, $20,000; architect and builder, A. McIntosh.

R. Kriedler, two-st'y dwell., Wallace St.; cost, $2,500; architect, C. Pock.

T. Keath, two-st'y dwell., West Monroe St.; cost, $4,000; architect, W. T. Lasher.

J. Straesle, two-st'y dwell., Armitage Pl.; cost, $3,000; architect, A. Wolff.

Mrs. E. Tybeg, two-st'y dwell., Warren Ave.; cost, $3,500; architect, T. Young.

G. Leibel, two-st'y dwell., Mohawk St.; cost, $3,-500; architect, A. F. Boos.

L. C. Schroeder, two-st'y dwell., West Congress St.; cost, $4,200; architect, J. E. Schiller.

J. Stefforp, two-st'y dwell., West North Ave.; cost, $5,000; architect, H. Weissner.

BUILDING INTELLIGENCE.

P. Zimmer, two-st'y dwell., Hinman St.; cost, $4,-500; architect, W. Schwerin.

S. K. Martin, three and two st'y dwells., Michigan Ave.; cost, $90,000; architect, J. A. Thain.

E. Hennessey, two-st'y dwell., Irving Pl.; cost, $5,-000; architect, T. R. Shock.

J. D. Hall, 2 two-st'y dwells., Twenty-seventh St.; cost, $7,000; architect, E. F. Wilcox.

H. Wernhardt, two-st'y dwell., Ewing Pl.; cost, $6,000; architect, W. Ohlhaber.

Melrose, Mass.—*Lake Ave.*, cor. Tremont St., four double frame dwells., 50′ x 55′; owners, D. L. and A. G. Webster, contract to be let; architect, W. A. Rodman, Boston.

Philadelphia, Pa.—*Turner St.*, n w cor. Venango St., nine brick dwells.; owners, Woelfel & Semunk, 2644 North Fifth St.

Columbia Ave., n s, bet. Twenty-fourth and Twenty-fifth Sts., 25 brick dwells.; owner, Charles M. Baker, 1724 North Eighteenth St.

Grant Ave., n s, 16 three-st'y brick dwells.; owner, Charles M. Baker, 1724 North Eighteenth St.

Grant Ave., n s, bet. Twenty-fourth and Twenty-fifth Sts., 16 brick dwells.; owner, Charles M. Baker, 1724 North Eighteenth St.

Twenty-fourth St., w s, n Columbia Ave., 15 three-st'y brick dwells.; owner, Charles M. Baker, 1724 North Eighteenth St.

Twenty-fourth St., n w cor. Columbia Ave., 15 three-st'y brick dwells.; owner, Charles M. Baker, 1724 North Eighteenth St.

Twenty-fifth St., 6 s, n Columbia Ave., 18 three-st'y brick dwells.; owner, Charles M. Baker, 1724 North Eighteenth St.

Broad St., w s, s York St., 10 brick dwells.; owner, Charles M. Baker, 1724 North Eighteenth St.

Bancroft St., w s, below Dauphin St., 18 two-st'y brick dwells.; owner, Hugh McNiele, 2130 South Tenth St.

Thompson St., *No.* 1600, three-st'y brick dwell.; owner, Edward Donnelly, 1600 Thompson St.

Anthracite St., w Edgemont St., 7 two-st'y brick dwells.; owner, David Phillips, 132 South Fourth St.

Forty-third St., w s, s Pine St., brick and stone dwell.; owner, Thomas Marshall, 35 North Thirty-second St.

Girard Ave., s s, w Thirtieth St., 2 three-st'y brick dwells.; owner, W. H. Bilyen, 1725 Franklin St.

Girard Ave., n s, w Nineteenth St., brick and stone dwell.; owner, Charles McCaul, 20 North Eleventh St.

Old Second St. Turnpike, s s Drounn St., two-st'y frame building; owner, Louis Hertsch, Crescentville, Newtown R. R.

Tasker St., s s, e Twenty-first St., 12 two-st'y brick dwells.; owner, John Crawford, 1912 Pierce St.

Thompson St., n s, w Eighteenth St., three-st'y brick dwell.; owner, Wm. A. Archer, 2714 Columbia Ave.

Graham St., s s, bel. Eighteenth St., 2 three-st'y brick dwells.; owner, Wm. A. Archer, 2714 Columbia Ave.

Jefferson St., n s, e Twenty-sixth St., 2 three-st'y brick dwells.; owner, Wm. A. Archer, 2714 Columbia Ave.

Twenty-ninth St., e s, n Diamond St., 30 three-st'y brick dwells.; owners, James H. Stevenson & Son, 140 South Sixth St.

Cambria St., s s, w Park Ave., 10 two-st'y brick dwells.; owner, Lewis J. Wolf, 3154 Frankford Ave.

Roberts Ave., w Wayne St., two-st'y brick dwell.; owner, Thomas J. Kelly, 4718 Morris St., Germantown.

Twenty-seventh St., s w cor. Dauphin St., 10 two-st'y brick dwells.; owner, C. B. Prettyman, 2111 Wharton St.

Florence St., *No.* 927, three-st'y brick dwell.; owner, Michael Cleary, 1030 Milton St.

Fifteenth St., w s, n Dauphin St., 2 three-st'y brick dwells.; carpenter and builder, Henry G. Schultz, 2633 Germantown Ave.

Fifty-fifth St., w s, n Haverford Ave., two brick dwells.; builder, R. C. Dothard, 5126 Master St.

Seventy-seventh St., cor. Brewster Ave., frame dwell.; owner, Mrs. Jane Muller, 5210 Woodlane Ave.

Providence, R. I.—*Dudley St.*, n e cor. Tanner St., two frame dwells.; owner, Paul Shocker; builder, Marchant.

Egan St., w s, frame dwell.; cost, $1,200; owner, Wm. H. Canning; builder, William Watts.

Wendall St., w s, near Meeser St., frame dwell.; cost, $2,200; owner, James Hagerty; builder, G. Coombs.

St. Louis, Mo.—Two-st'y brick dwell.; cost, $4,500; owner, H. Dietrich; architect, J. B. McElfatrick; contractors, Kohlmeyer & Son.

Winthrop, Mass.—*Cottage Ave.*, frame dwell., 24′ x 32′; owner and architect, Willard M. Bacon, Boston; builders, W. F. Wyman & Co.

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Camden, N. J.—*Foot of Federal St.*, building for ticket-office; owners, P. R. R.

STABLES.

Boston, Mass.—*Bennington St.*, *No.* 280, Ward 1, two-st'y frame stable, flat roof, 20′ x 40′; owner, E. Warrington; builder, W. Callbeck.

Camden, N. J.—*Liberty St.*, *rear No.* 521, stable; owner, Wm. Hegman, 256 Kaigns Ave.

Philadelphia, Pa.—*Tilton St.*, w s, bet. Lehigh Ave. and Reading Rd., two-st'y brick stable; owner, George Oberholzer, 2646 Edgemont St.

Morris St., *No.* 4834, rear, one-st'y brick stable; owner, D. P. Bruner, 4834 Morris St.

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Cherry St., s w cor. Marston St., four-st'y brick stable; owner, Jacob R. Garber, 52 North Thirteenth St.

Thirty-fifth and Aspen Sts., stone stable; owner, Robert Patton, 621 North Thirty-fifth St.

STORES.

Brooklyn, N. Y.—*Putnam Ave.*, s e cor. Reid Ave., Jefferson Ave., n e cor. Reid Ave., 2 four-st'y brownstone stores and flats, tin roofs; cost, each, $11,000; owners and builders, E. K. Robbins & Son, 554 Monroe St.; architect, J. S. Stevens.

Hoyt St., n e cor. Warren St., three-st'y brick stores and dwell., tin roof; cost, $7,000; owner, architect and builder, W. J. Conway, 414 Union St.

Reid Ave., s w cor. Kosciusko St., four-st'y brick store and tenement, tin roof; cost, $7,000; owner, Margaret Mulvihill, on premises; architect, H. Vollweiler; builder, N. Mulvihill.

Halsey St., n s, 45' e Sumner Ave., 3 three-st'y brick stores and dwells., gravel roofs; cost, each, $5,000; owner and contractor, C. E. Cozzens, 38 Palmetto St.; architect and mason, L. E. Brown.

Philadelphia, Pa.—*North Front St. Nos.* 2205-2207, three-st'y brick store; owners, Wm. Steele & Son, 2436 North Front St.

Fifteenth St., n w cor. Dauphin St., brick store and dwell.; owner, Henry G. Schultz, 2633 Germantown Ave.

BUILDING INTELLIGENCE.

Ridge Ave., w s, n Columbia Ave., 19 three-st'y brick stores and dwells.; owner, Chas. M. Baker, 1724 North Eighteenth St.

Twenty-eighth St., n w Jefferson St., two-st'y store and dwell.; owner, Edward Roth, 1638 North Twenty-sixth St.

Second St., cor. Strawberry St., five-st'y brick store; builder, John G. Benson, 1521 Tasker St.

St. Louis, Mo.—Two-st'y brick store and dwell.; cost, $3,600; owner, Geo. Yost; builders, Wm. Gahl & Co.

WAREHOUSES.

Chicago, Ill.—Wolff Bros. Mfg. Co., four-st'y warehouse, North Curtis St.; cost, $8,000; architects, C. Meister & Son.

St. Louis, Mo.—Two-st'y brick warehouse; cost, $6,500; owners, M. A. Seed Dry Plate Co.; architect, Geo. Pike; builder, J. J. Wharton.

MISCELLANEOUS.

Amesbury, Mass.—The results of the severe fire of April last have entirely disappeared. The extensive and elegant factories replacing those destroyed (occupied, or about to be occupied) will be thrown open for a grand spring opening March 19, continuing throughout the week, under the auspices of the Board of Trade. In this opening every factory will participate. At this time all the latest styles will be displayed, and the large variety in quality and quantity of production will be arranged for the inspection of all who may accept a cordial invitation to attend. It is believed that every one who goes will enjoy and profit by the visit.

Friend St., Nos. 260-264, Ward 7, three-st'y brick mechanical building, flat roof, 40' x 70'; owner, Samuel Elliott; builder, A. Hathaway.

Cambridge St., No. 410, Ward 25, three-st'y frame club-house, pitch roof, 42' x 51'; owners, Allston Club.

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690 H. C. HEQUEMBOURG, Secretary.

PROPOSALS.

March 8th, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 2d day of April, 1889, for the labor and materials required in the erection and completion of the iron roof, ironwork of ceilings, stairway in tower, etc., for the United States Court-House and Post-Office building at Pittsburgh, Pa., in accordance with the specification and drawings, copies of which may be seen at this office; the office of the Superintendent; the Builders' Exchanges at Baltimore, Md., Cincinnati, O., and Detroit, Mich.; Builders' and Traders' Exchanges at Chicago, Ill., and Louisville, Ky.; Mechanics' and Traders' Exchange, New York City; Engineers' Society of Western Pennsylvania, Pittsburgh, Pa.; and the Master Builders' Exchange at Philadelphia, Pa. Each bid must be accompanied by a certified check for $500. The Supervising Architect will furnish a limited number of copies of the specification and drawings, at $3 a set, upon receipt of that sum in post-office money-order, drawn to the order of the Treasurer of the United States. WILL. A. FRERET, Supervising Architect. 690

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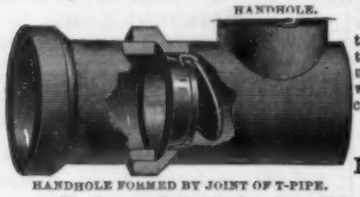

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PROPOSALS.

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PROPOSALS.

March 8, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 26th day of March, 1889, for the labor and materials required in the erection and completion of the low-pressure, return-circulation, steam-heating and ventilating apparatus for the United States Court-House, Post-Office, etc., building at Keokuk, Iowa, in accordance with the specification and drawings, copies of which, with other necessary information, may be seen on application at this office; the office of the Superintendent; the Builders' Exchanges at Baltimore, Md., and Cincinnati, O.; the Builders' and Traders' Exchanges, Chicago, Ill., and Kansas City, Mo.; Mechanics' Exchange, St. Louis, Mo.; Master Builders' Exchange, Philadelphia, Pa., and the Mechanics' and Traders' Exchange, New York City. Each bid must be accompanied by a certified check for $500. The Supervising Architect will furnish a limited number of copies of the specification and drawings at $5 a set, upon receipt of that sum in post-office money-order, drawn to the order of the Treasurer of the United States. WILL. A. FREERET, Supervising Architect. 690

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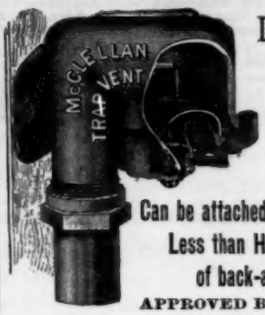

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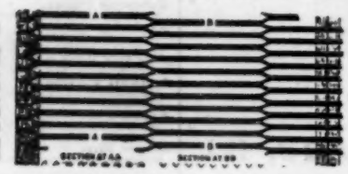

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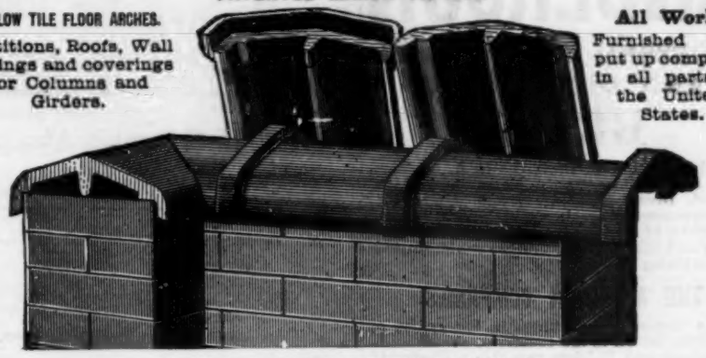

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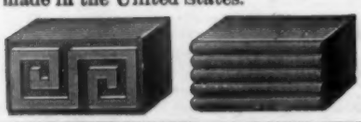

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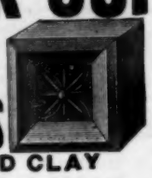

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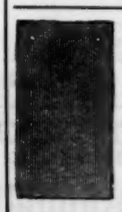

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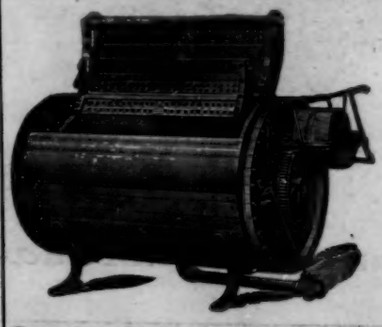

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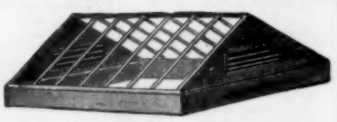

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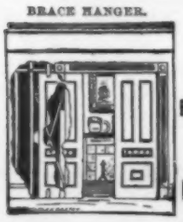

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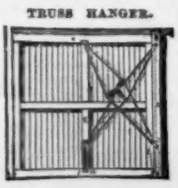

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STANLEY CORRUGAT'D
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We desire to notify purchasers of Steam-Pumps that numerous cheap imitations of Worthington Pumps are being manufactured. It is usually represented that they are made by us or from our patterns, and being apparently close copies, they readily deceive those who are not familiar with our machines. By this method some of them have been introduced and as their construction is invariably of inferior quality the unsuspecting buyer is imposed upon and suffers correspondingly.

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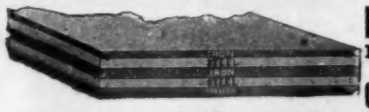
Welded Chrome Steel and Iron. (5 ply).



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BUILDING MATERIALS.

Reported for the American Architect and Building News.

BRICK.—₱ M.	New York. (Wholesale Prices.)	Boston.	Chicago. (Prices to Builders and Contractors.)	Philadelphia.
Common: *Cargo afloat.*				
Pale	3 50 @ $4 00	Eastern }	Building Brick	Sq. Hard @ 12 0
Jersey	6 50 @ 7 00	8 50 @ 9 00	6 50 @ 7 00	" @ 12 00
Long Island	8 00 @ 8 50	Bay State Hard }	}	Salmon @ 7 00
Up River	7 50 @ 8 00	9 50	}	Sq. " @ 9 00
Haverstraw Bay 2nd	@ 8 00	Domestic Com.	Indiana Pressed	Light Stretchers @ 12 00
" 1st	8 25 @ 8 50	9 50 @ 10 00	16 00 @ 22 00	Medium " @ 14 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Red " @ 15 00
Fronts		20 00 @ 22 00	@ 27 00	Dark " @ 15 00
Croton, Brown	14 00 @ 15 00	Philadelphia }	———	Pressed @ 25 00
" dark	15 00 @ 16 00	40 00 @ 45 00 }	———	Best Paving @ 16 00
" red	15 00 @ 16 00	Phila. mould }	18 00 @ 27 00	Second " @ 14 00
Chicago pressed (Anderson)		50 00 @ 80 00 }	65 00 @ 350 00	Third " @ 13 00
Chicago Moulded			@ 55 00	
Baltimore	37 00 @ 41 00	Anderson	45 00 @ 50 00	Dom. @ @
Philadelphia	27 00 @ 28 00	14 00 @ 32 00	45 00 @	
Trenton	@ 27 00		25 00 @	
Milwaukee			60 00 @ 100 00	
Moulded:			30 @	
Red	25 00 @ 27 00		35 @	
"	30 00 @ 35 00		55 00 @ 65 00	
White Glens Falls Mold	45 00 @ 60 00			
Enamelled: *Imp.*			@ 100 00	
Enamelled (edge.)	85 00 @ 100 00		@ 120 00	
Enamelled (edge and end)	90 00 @ 115 00			
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	1 00 @ 1 10	@ 1 40	*Not Sold.*	1 30 @ 1 50
Louisville "		*Not sold.*	1 05 @ 1 30	B & S.E. 275 @ 300
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	@ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	@ 2 85	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 35 @ 2 50	@ 2 85	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	@ 2 85	3 00 @ 3 25	2 85 @ 3 15
" " (Burham)	2 50 @ 2 80	@ 2 85	2 90 @ 3 15	2 50 @ 2 75
" " (White's)	2 65 @ 3 00	@ 5 00	2 80 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	3 00 @ 3 50	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 35 @ 2 85	3 15 @ 3 35	3 60 @ 3 25	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40		2 80 @ 3 15	2 50 @ 2 75
" " (Vorwohler)	2 50 @ 2 90	*Not sold.*	2 80 @ 3 15	Josson
" " (Lagerdofer)		3 00 @ 3 50	2 75 @ 3 00	2 50 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25		3 25 @ 3 50	2 85 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not Sold.*	2 75 @ 3 00
" " Stettin, (Anchor)	2 35 @ 2 85		*Not Sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 50 @ 2 75
Roman	2 75 @ 3 00	@ 3 20	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	6 75 @ 6 50	@ 6 00	7 00 @ 7 50	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	11 00 @ 12 00	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30 ₱ bush
Chicago Lime in bulk		St. John 1 00	55 @	White Mash
Wisconsin "		@	60 @	1 25 @ 150
Rockland and Rockport, (Com.)	@ 1 00	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 1 20	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing "	@ 1 10	*Not sold.*	*Not sold.*	*Not sold*
Plaster of Paris (calcined.)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 25 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ bush	18 @ 21	25 @ 30	20 @ 25	22 @ 30
" (Goat)	25 @ 28	@ 50	30 @ 35	30 @ 35
Sand, ₱ load	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)	@ 60	@ 60		55 @ 65
Limestone:	45 @ 1 25			
Bedford	@ 1 00	95 @ 1 00	50 @	75 @ 90
Joliet			35 @ 55	Richmond
Lemont			35 @ 60	75 @ 1 35
Serpentine			@ 1 00	4 50 Peach

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will fill your house with the same warm pleasant balmy atmosphere that has made the past season delightful.

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	New York. (*Wholesale Prices.*)	Boston. (*Prices to Builders and Contractors.*)	Chicago.	Philadelphia.
Foundation:				
Dimension		5 00 ℔ ton	20 @ 2	@ 5 00
Block		4 00 ℔ perch		Conshocken
Rubble		1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 20
Planed	50 @ 6 00	75	50 @ 1 00	45 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		} 93 @ 1 16
Kibbe	@ 90	90 @ 1 10		
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	} 55 @ 1 00
Berea } Ohio	75 @ 1 00	80 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 40
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 00 @ 1 10
Caen	@	@ 2 00	"	1 25 @ 1 50
Carlisle, English	@ 1 05	80 @ 90		95 @ 1 10
Corse Hill (Scotch)	@ 1 05			
Marble (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 5
Rutland, white and Blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 0
Glens Falls, black	@	2 00 @ 3 00	*Not sold.*	4 00 @ 4 5
Italian, blue-veined	@	50 @ 60	@ 4 40	2 50 @ 2 7
" Sienna	@	3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red	@	1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville	@	85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not sold.*	2 00 @ 3 00
Vermont, white	@	1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate; Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3
" unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
" " Chapmans	— —	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 00 @ 7 50	7 00 @ 9 50	@ 5 35
Tiles, Am. ℔ M.	@		*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil,* ℔ *lb.*)				
White lead, Am.	7 @ 7½	7 @ 7½	6½ @ 7½	7 @ 7½
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	6 @ 6½
Red lead, Am.,	6½ @ 7	7 @ 7½	6½ @ 7½	6½ @ 6½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. @ 60
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	8 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 13
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	@ 16
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" @ 24
Black, lamp,	15 @ 25	15 @ 25	8 @ 30	@ 15
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw) } (℔ gal.)	56 @ 58	58 @ 60	56 @ 57	@ 56
" " boiled } (℔ gal.)	61 @ 63	61 @ 63	59 @ 60	@ 59
Turpentine } (℔ gal.)	59 @ 61	55 @ 58	50½ @ 54½	@ 50
Varnish, coach } (℔ gal.)	53 @ 54	1 50 @ 6 00	1 25 @ 2 00	1 25 @ 3 50
Shellac		2 50 @ 3 00	2 25 @ 4 00	2 25 @ 3 00
Putty	2 @ 4	2 @ 4	02 @ 02½	1½ @ 2½
Whiting } dry	75 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.,) } dry	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Litharge, Am.	5½ @ 6	5½ @ 6½	6½ @ 7½	6 @ 6½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 18	@ 14
Umber, "	14 @ 20	14 @ 20	2 @ 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) **Spikes,** (*wrought.*)	@ 2 85		2 15 @	pr kg @ 2 10
10d. common	@ 2 60	@ 2 20	@ 2 25	@ 2 30
Shingle	@ 3 35	@ 2 70	@ 2 75	@ 3 40
Lath	@ 4 85	@ 3 70	@ 3 65	4 50 @ 5 50
Finishing nails according to size.)			Add .85 to $1.15	per ℔ 11 @ 14
(*For casing nails add 75c. per keg.*)			" .50 to .90	Add pr cask
Butts: 4" x 4" (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 16
Japanned	@ 1 50	@ 1 75	*Not sold.*	1 75 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 75 @ 2 00
Ball Tip, Boston Finish. ℔ pair.	@ 65	@ 50	*Not sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 45
Brass (or cupboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony				@ 35
Apple wood				37 @ 1 00
Knobs: (*4" Set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hematite	*Not sold*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 4 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 %	22 @ 35
Sheet Lead		@ 6½		
Lead Pipe		@ 6		
Iron:				
I-Beams, up to and including 30 ft.	3 3-10 @ 3½	2 3-10 @ 3	@	@ 2 3-10
I-Beams, over 30 ft. ½, ½, ½ c. advance.	@	@	@ 4	@ 2 3-10
Channel-Beams	3 3-10 @ 3½	2 3-10 @ 3	@ 4	@ 2 3-10

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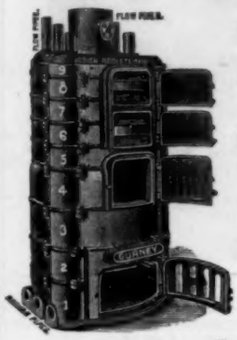

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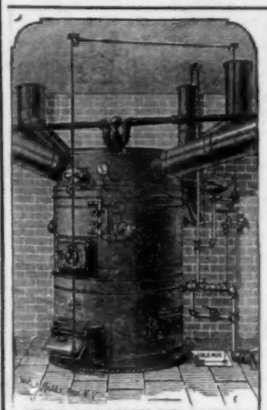

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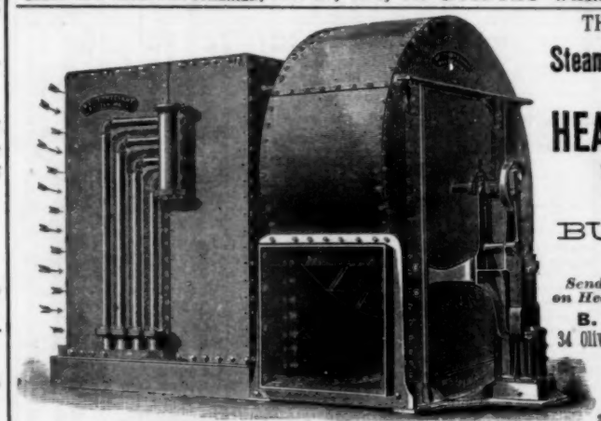

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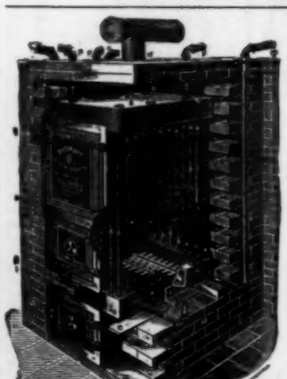

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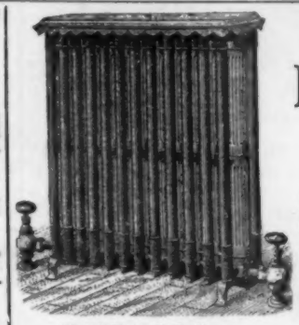

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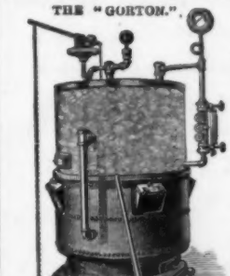

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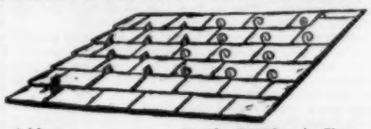

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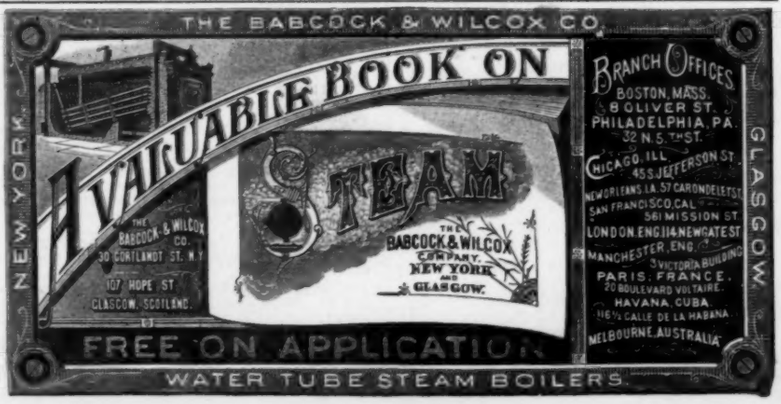

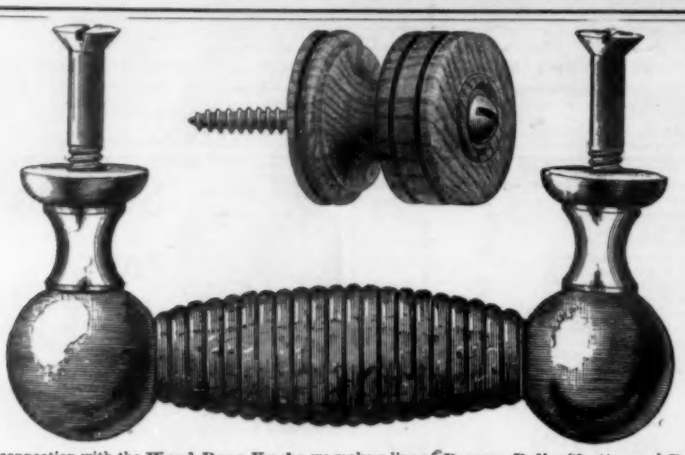

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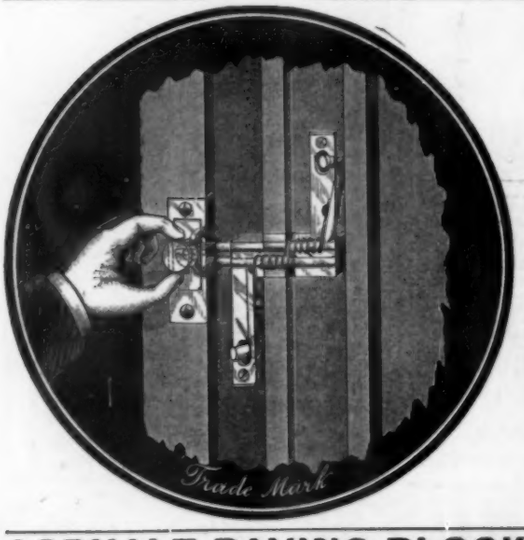

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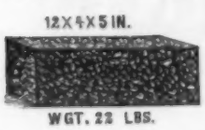

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New York, N. Y.—*Third Ave.*, n e cor. Forty-second St., five-st'y brick flat, tin roof; cost, $23,000; owner, James Kelly estate, 21 Irving Pl.; architect, I. Kastner, 744 Broadway.

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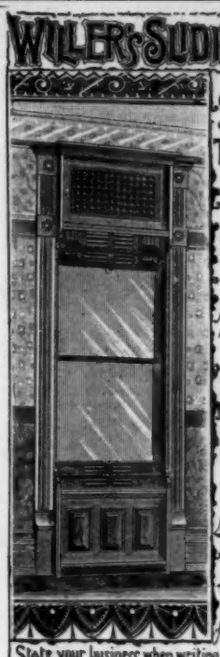
Twenty-sixth St., n s, 225′ e Third Ave., five-st'y brick flat, tin roof; cost, $15,000; owner, Louis G. Leyver, 2094 Third Ave.; architects, Cleverdon & Putzell, 110 East One Hundred and Twenty-fifth St.

Willis Ave., w s, 25′ n One Hundred and Thirty-fourth St. and 25′ s One Hundred and Thirty-fifth St., 2 five-st'y brick flats, tin roofs; cost, $32,000; owners, Cavinato Bros., Brook Ave., near One Hun-



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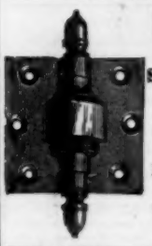

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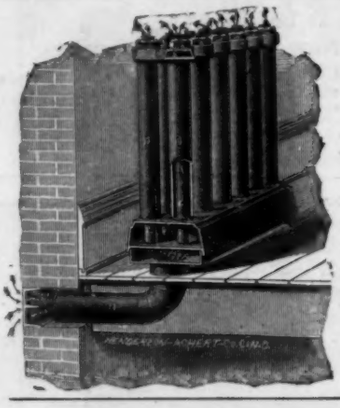

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dred and Forty-fourth St.; architect, John C. Burne, 1531 Third Ave.

One Hundred and Thirty-fourth St., n s, 81′ 6″ w Willis Ave., and One Hundred and Thirty-fifth St., s s, 81′ 6″ w Willis Ave., 2 five-st'y brick flats, tin roofs; cost, $32,000; owners, Cavinato Bros., Brook Ave., near One Hundred and Forty-fourth St.; architect, John C. Burne, 1531 Third Ave.

Ninth Ave., w s, 25′ 2″ s Ninety-seventh St., five-st'y brick flat, tin roof; cost, $20,000; owner, Wm. W. Hall, 687 Madison Ave.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Ninety-eighth St., s s, 175′ e Ninth Ave., 6 five-st'y brick flats, tin roofs; cost, $16,000; owner, John M. King, 114 Madison Ave.; architect, George Keister, 55 West Thirty-third St.

West Sixty-sixth St., No. 138, five-st'y brick flat, tin roof; cost, $15,000; owner, Margaret Shannon, 140 West Sixty-sixth St.; architect, Henry Dudley, 49 Wall St.

Perry St., Nos. 45-47, 2 five-st'y brick flats, tin roofs; cost, $21,000; owner, Daniel D. Lawson, 142 West One Hundred and Third St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

One Hundred and Forty-sixth St., n w cor. Willis Ave., 2 five-st'y brick flats, tin roofs; cost, $43,000; owner, Lorenz Wirher, New Rochelle, N. Y.; architect, Lorenz Wirher, Jr., New Rochelle, N. Y.

St. Louis, Mo.—Two adjacent two-st'y brick flats; cost, $4,000; owner, Chas. Hesse; architect, R. A. Berger; contractor, A. Krause.

Three-st'y brick flat; cost, $14,000; owner, T. N. Judson; architects, Grabel & Weber; contractor, R. P. McClure.

Two-st'y brick flat; cost, $3,000; owner, J. Morrissey; contractor, P. Clarck.

Two-st'y brick flat; cost, $5,000; owner, M. Henry; architect, A. Monschein; contractor, W. Daman.

Four adjacent two-st'y brick flats; cost, $12,000; owner, J. J. Beszant; sub-let.

Three adjacent two-st'y brick flats; cost, $7,000; owner, J. J. Beszant; sub-let.

Three-st'y brick flat; cost, $14,200; owner, Henry Ruckert; architect, O. J. Wilhelm; contractor, A. H. Hassler.

Three-st'y brick flat; cost, $11,700; owner, H. G. Isaacs; architect, A. E. Cook.

Two-st'y and mansard brick flat; cost, $8,000; owner, J. B. Candy; architect, A. M. Baker; sub-let. Two-st'y brick flats; cost, $6,000; owner and contractor, Jas. Flannery.

CHURCHES.

Americus, Ga.—The Baptist will build a new church; cost, abt. $20,000.

Brooklyn, N. Y.—*Debevoise St.*, s s, 100′ w Humboldt St., one-st'y frame church, shingle roof; cost, $3,600; owners, Protestant Episcopal Church Holy Comforter; architect, H. W. Billard; builders, C. L. Johnson's Sons.

Carthage, Tenn.—Church to cost $10,000 will be built by the Methodists.

Columbus, Ga.—$40,000 will be expended by Trinity Episcopal Church for a new church.

New York, N. Y.—*West One Hundred and Fifty-third St.*, one-st'y brick church, peak and tin roof; cost, $10,000; owners, Church of St. Catharine of Genoa; Edward F. Slattery, 506 West One Hundred and Fifty-third St.; architect, T. H. Poole.

Piqua, O.—There will be built as soon as possible a $40,000 Presbyterian Church; Mr. Yost, Columbus, O., is the architect.

FACTORIES.

Boston, Mass.—*A St.*, cor. Richards St., Ward 13, four-st'y frame factory, 41′ x 100′; owners, Bay State Belting Co.

Chicago, Ill.—P. O. Stensland, three-st'y factory, North Peoria St.; cost, $8,000; architects, Lutken & Thisslen.

J. L. Board, two-st'y factory, Clinton St.; cost, $15,000; architects, Snyder & Quinner.

New York, N. Y.—*Stanton St., rear No.* 179, five-st'y brick workshop, tin roof; cost, $8,000; owner, Abraham L. Stone, 91 Bayard St.; architect, Fred Ebeling, 99 Third St.

Philadelphia, Pa.—*North Broad St., No.* 1606, rear one-st'y brick wheel-house; owners, S. D. Fennimore & Bro., 1341 Girard Ave.

Hamilton Ave., s e cor. Ridge Ave., four-st'y brick factory; owners, McCartney & Co., 2355 East Dauphin St.

[*Continued on page* xvi.]

Comments of the Press on a New Book

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UNDER the title "*A Tin Roof*," Messrs. Merchant & Co., Philadelphia, have published a valuable work on the subject of roofing materials. No architect can afford to be without the book, as it treats very fully on a subject with which he should be conversant. The book has been compiled by one thoroughly versed in the subject of tin roofing, and it touches on different features of the subject which have heretofore never been published, and it is to be questioned whether the information could be obtained by architects from the roofing trade. The closing paragraph of the book is as follows: "We are prepared to prove that we were the first to introduce guaranteed plates and stamp every sheet with the name of the brand and thickness; and having also done away with the imperfect or waste sheets to further protect architects (who wish to specify and property owners who want to use the best), we feel that we have a right, under these circumstances, to ask that our guaranteed brands shall not be specified along with other brands in the market, which are inferior in quality, coating, weight and assortment." Architects throughout the country will do well to secure a copy of the book, which can be done by addressing Merchant & Co., Philadelphia.—*Philadelphia Evening Call*, February 18, 1889.

Something Worth Reading.

"*A Tin Roof*" is the title of a little book just issued by Messrs. Merchant & Co., 517 Arch Street, Philadelphia. The purpose of the publication is to supply to builders, architects, and the general public some exact information as to the best methods of constructing a tin roof and as to the right materials to be used to secure satisfactory and permanent results. We especially recommend the book, which is intended for gratuitous distribution, to mill-owners. They are very apt to entrust the matter of roofing wholly to builders, and they usually know very little about the character of the tin used or the excellence or defectiveness of the job. This pamphlet will help them to protect their interests. It is very explicit, perfectly comprehensible, and we think wholly trustworthy. It is quite profusely illustrated, and the cuts indicate processes of applying tin-roofing which insure excellence.—*Philadelphia Telegraph*, February 16, 1889.

MESSRS. MERCHANT & CO., of Philadelphia, are about to issue a work on the subject of tin roofing for the benefit of architects, which they have had compiled at considerable expense and labor by one thoroughly versed in the subject of tin roofing. It touches on different features of the subject which have heretofore never been published. While this work is issued partly as an advertisement of their guaranteed plates, it will be found to contain very valuable information. It is for distribution to those who want the information, though it is not their purpose to send it out broadcast, as it is too valuable a work in itself to go into the waste basket. The book will be nicely bound, and the title will be "*A Tin Roof*." Messrs. Merchant & Co., have done all in their power to bring about the use of a better class of material, and were the first to introduce plates every sheet stamped with the brand and thickness, and as the doing away with the wasters, or imperfect sheets, has been the cause of great loss of profit to this concern, in their determination to keep faith with the architectural profession, they find that in some cases even leading architects are to-day simply using their brands as a figure-head, and are inserting in their specifications not only cheaper brands than theirs, but brands the wasters of which can be obtained and will be used. Consequently they have now taken the stand to simply ask the architect to drop their brands entirely if they are to be used with inferior goods, as they do not care to be held responsible by their clients when the roof proves inferior by reason of the use of cheaper material than they offer to the public.—From *Manufacturers' Record*, Baltimore, of February 9, 1889.

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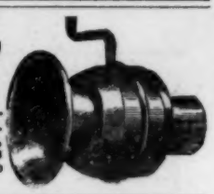

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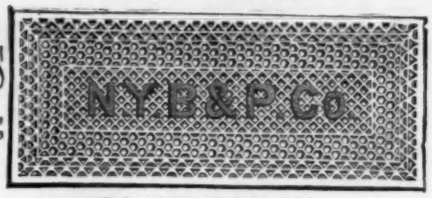

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Geo. L. Dunkerly, 10 three-st'y brick buildings, s s Mt. Royal Ave., bet. Calvert St. and Hunter Alley.

Jno. T. Elsroad, 4 two-st'y brick buildings, w s Division St.; and 5 two-st'y brick buildings, e s Bouldin Alley, bet. Bloom and Presstman Sts.

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Owen J. Murphy, three-st'y brick building, s w cor. Fremont and Winchester Sts.

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C. W. Slagle, 3 three-st'y brick buildings, beg. s w cor. Bolton St. and Camel Alley.

BUILDING INTELLIGENCE.

Boston, Mass.—*Webster Ave.*, near Brighton Ave., Ward 25, two frame dwells., 20′ x 46′; owner of one, Elisha Cobb; owner of other, J. E. Findley; builder, R. A. Callophy.

Commercial St., No. 587, Ward 24, frame dwell., 20′ x 27′; owner, J. A. Vickery; builders, J. A. Vickery & Son.

Codman St., near Dorchester Ave., Ward 24, frame dwell., 28′ x 35′; owner, M. Fryberg; builder, C. Pfister.

Beacon St., Nos. 471-473, Ward 11, 2 four-st'y brick dwells., flat roofs, 24′ x 60′; owner and builder, S. H. Shapleigh.

Beacon St., No. 475, Ward 11, four-st'y brick dwell., flat roof, 25′ x 60′; owner and builder, M. H. Coffin.

Commonwealth Ave., No. 336, Ward 25, four-st'y brick dwell., flat roofs, 24′ 8″ x 57′ 2″; owner, I. P. T. Edmonds; builders, M. A. & H. A. Root.

Marlborough St., No. 426, cor. West Chester Park, Ward 22, three-st'y brick dwell., flat roof, 23′ 6″ x 47′; owner and builder, W. D. Vinal.

West Chester Park, Nos. 440-444, Ward 22, 3 three-st'y brick dwells., 23′ x 47′; owner and builder, W. D. Vinal.

Thwing Terrace, No. 26, Ward 21, frame dwell., 24′ x 34′; owner, Lawrence Doyle; builder, R. D. Ward.

Cedar St., No. 120, Ward 21, three-st'y frame dwell., 25′ x 45′; owner, Jessie Dinnett; builder, V. Bock.

Morris St., near Putnam St., Ward 1, three-st'y frame dwell., flat roof, 21′ x 33′; owner, Elizabeth M. Nickerson; builder, C. M. Nickerson.

Ashley Ave., near Walley St., Ward 1, one-st'y frame dwell., mansard roof, 20′ x 30′; owner, Neil Benton; builder, T. Holmans.

Cornwall St., cor. Unnamed St., near Brookside St., Ward 23, frame dwell., 24′ x 34′ 6″; owner, R. S. Barrows; builder, M. A. Blanchard.

J. A. Andrew st., junction Newbern St., Ward 23, frame dwell., 25′ x 28′; owner, R. S. Barrows; builder, M. A. Blanchard.

Wyman St., near Centre St., Ward 23, frame dwell., 29′ 6″ x 33′ 6″; owner, C. Wachendorf; builder, P. F. Jeckel.

Salem St., near Albano St., Ward 23, frame dwell., 23′ x 46′; owner, M. McLellan; builders, McLeod & Chappelle.

Swallow St., near Lagrange St., Ward 23, frame dwell., 20′ x 30′; owner, Margaret A. Bryant; builder, J. E. Pierce.

Morris St., near Putnam St., Ward 1, 3 three-st'y frame dwells., flat roofs, 21′ x 33′; owner, Elizabeth M. Nickerson; builder, C. M. Nickerson.

Dell St., near Dorchester Ave., Ward 24, frame dwell., 24′ x 35′; owners, J. I. Stewart & Co.; builder, F. Gutrow.

Riverdale St., near Unnamed St., Ward 25, two frame dwells., 20′ x 28′; owner and builder, E. B. Purdy.

Waumbeck St., No. 45, Ward 21, frame dwell., 27′ x 50′; owner, Cheever Newhall; builder, F. Gutrow.

Folsom St., No. 20, Ward 20, frame dwell., 20′ x 36′; owner, J. H. Stevens; builder, F. R. Perkins.

East Third St., No. 637, Ward 13, three-st'y frame dwell., flat roof, 23′ x 40′; owner, Mary C. Dagget; builder, W. T. Eaton.

Gardner St., No. 19, Ward 25, frame dwell., 42′ x 58′ 6″; owner, A. G. Barber; builder, F. W. Stevens.

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st'y brick dwells., flat roofs, 22′ x 50′; owner, Seth R. Baker.

Waverley St., near Weston Ave., Ward 25, two frame dwells., hip roofs, 20′ x 42′; owner, T. Rodd; builder, Chas. Green.

Mozart St., near Armstrong St., Ward 23, three-st'y frame dwell., pitch roof, 24′ x 33′; two-st'y dwell., 34′ x 35′; owner and builder, J. W. Priesing.

Hampden St., Nos. 104-106, Ward 20, 2 three-st'y frame dwells., flat roofs, 21′ 6″ x 50′; owner and builder, P. D. Crosby.

Condor St., cor. Putnam St., Ward 1, frame dwell., 23′ x 46′; owner, R. O'Keefe; builder, T. Yeomans.

Wayland St., near Howard Ave., Ward 20, frame dwell., 27′ x 37′ 6″; owners, J. S. Cunningham, *et als.*; builder, F. W. Gregg.

East Second St., Nos. 730-736, Ward 14, 4 two-st'y frame dwells., flat roofs, 20′ x 43′; owner and builder, J. J. Johnston.

Winship St., cor. Unnamed St., Ward 25, frame dwell., 25′ x 30′; owner and builder, D. M. O'Connell.

Armstrong St., near Mozart St., Ward 23, three-st'y frame dwell., 23′ x 32; owner and builder, J. W. Priesing.

Corinth St., near Washington St., Ward 23, frame dwell., 20′ x 28′; owner, Augustus Meyer; builder, F. Havey.

Paul Gore St., near Centre St., Ward 23, three-st'y frame dwell., 22′ x 33′; owner, Jacob Metzger; builder, J. Luippold.

Temple St., cor. Winslow St., Ward 23, frame dwell., 24′ x 28′; owner, G. A. Gray; builders, J. A. Vickery & Son.

Washington St., Nos. 197-203, Ward 24, 2 three-st'y frame dwells. and stores, flat roofs, 25′ x 42′; owner, C. C. Mayberry; builder, C. H. Wetmore.

St. John St., near Rockview St., Ward 23, frame dwell., 30′ x 42′; owner, Albert Lewis; builder, W. Sauby.

Brookline, Mass.—*Beacon St.*, cor. Tappan St., block of eight brick and stone dwells., block 60′ x 210′; owner, E. R. Knapp; architect, Carl Fehmer, Boston; builders, Morton & Chesley.

Brooklyn, N. Y.—*Cooper St.*, s s, 150′ e Evergreen Ave., 4 two-st'y frame (brick-filled) dwells., tin roofs; cost, each, $2,500; owner, Henry Kords, 86 Cooper St.; architects and contractors, Gordon & Bormann; mason, C. Baur.

Decatur St., n s, 200′ w Stuyvesant Ave., 5 three-st'y brick dwells., tin roofs; cost, each, $5,000; owner, Rawlings Webster, Fulton St., near Reid Ave.; architect, A. or S. R. Duval.

Berkeley Pl., n s, 100′ w Sixth Ave., 5 three-st'y brownstone dwells.; Sixth Ave., w s, 40′ n Berkeley Pl., 3 three-st'y brownstone dwells., tin roofs; cost, Ave. dwells., each, $12,000, the Pl. dwells., each, $9,000; owner and mason, John Monas, 92 Park Pl.; architect and contractor, J. J. Gilligan.

Lafayette Ave., s s, 100′ w Lewis Ave., 4 two-st'y brownstone dwells., tin roofs; cost, each, $5,500; owner and builder, David Brasley, 535 Van Buren St.; architect, I. D. Reynolds.

Sunnyside Ave., 275′ e Barbey St., 5 two-st'y frame detached cottages, tin roofs; cost, each, $3,500; owner and builder, J. J. Quinn, 347 Quincy St.; architect, I. D. Reynolds.

Lafayette Ave., s s, 178′ w Lewis Ave., 5 two-st'y brownstone dwells., tin roofs; cost, each, $5,000; owner and builder, David Beasley, 535 Van Buren St.; architect, I. D. Reynolds.

Decatur St., n s, 280′ e Throop Ave., three-st'y brick dwell., tin roof; cost, $19,500; owner and builder, William Shirden, 216 Herkimer St.; architect, R. Van Brunt.

Pennsylvania Ave., e s, 200′ n Eastern Parkway, two-st'y frame dwell., tin roof; cost, $3,000; owner and builder, George Schaefer, 70 Jamaica Ave.; architect, A. J. Warren.

Palmetto St., s s, 210′ e Broadway, two-st'y brownstone dwell., tin roof; cost, $5,500; owners and builders, Barton & Riley, Halsey St.; architect, J. E. Dwyer.

Bushwick Ave., e s, 78′ n Suydam St., two-st'y frame (brick-filled) dwell., tin roof; cost, $5,500; owner, R. T. Davidson, 13 Troutman St.; architect, E. Dennis; builder, J. Rueger.

Palmetto St., s s, 230′ e Broadway, 2 two-and-one-half-st'y brownstone dwells., tin roofs; cost, each, $6,000; owners and builders, Barton & Riley, Halsey St.; architect, J. E. Dwyer.

Dorchester, Mass.—*Ocean St.*, frame dwell., 34′ x 103′; owner, Geo. A. Eastman; contract to be let; architect, Edwin J. Lewis, Jr., Boston.

Argyle St., frame dwell., 27′ x 35′; owner, Miss Mary R. Mason; contract to be let; architect, Edwin J. Lewis, Jr., Boston.

Randolph Terrace, frame dwell., 28′ x 29′; owner, H. S. Carruth; contract to be let; architect, Edwin J. Lewis, Jr., Boston.

BUILDING INTELLIGENCE.

Enosburgh Falls, Vt.—Frame dwell., 34′ x 75′; owner, Olin Merrill; contract to be let; architect, Edwin J. Lewis, Jr., Boston.

New York, N. Y.—*One Hundred and Thirty-first St.*, n s, 275′ w Lenox Ave., 3 three-st'y brick dwells., tin roofs; cost, $45,000; owner, M. A. Cockburn, 208 West One Hundred and Twenty-third St.

Seventy-fourth St., n s, 180′ w Eighth Ave., 5 four-st'y high, stoop dwell.; cost, $100,000; owner, David T. Kennedy; architect, D. Burgess.

Pawtucket, R. I.—*Walcott St.*, frame dwell., 28′ x 38′; owner, Lowell Emerson; contract to be let; architect, Edwin J. Lewis, Jr., Boston.

Philadelphia, Pa.—*Montrose St.*, n and s s, bet. Twenty-fourth and Twenty-fifth Sts., 46 brick dwells.; owner, Thomas McCouch, 2043 Bainbridge St.

Carpenter St., n s, bet Twenty-fourth and Twenty-fifth Sts., 29 brick dwells.; owner, Thomas McCouch, 2034 Bainbridge St.

Twenty-fifth St., e s, n and s s Montrose St., 10 brick dwells.; owner, Thomas McCouch, 2034 Bainbridge St.

Twenty-fourth St., w s, s Montrose St., three brick dwells.; owner, Thomas McCouch, 2034 Bainbridge St.

Fifteenth St., w s, e York St., 2 three-st'y brick dwells.; owner, John S. Tagley, Chalkley Hall La.

Butler St., n s, e Thirteenth St., three-st'y brick dwell., mansard roof; owner, Daniel M. Collamer, Thirteenth and Butler Sts.

Leithgow St., w s, s Clearfield St., 21 two-st'y brick dwells.; owner, Daniel M. Collamer.

Cambria St., s s, e Tusculum St., 6 two-st'y brick dwells.; owner, Daniel M. Collamer.

Twenty-ninth St., w s, n Thompson St., 26 three-st'y brick dwells.; owner, Wm. T. B. Roberts, Twenty-ninth and Thompson Sts.

Twenty-ninth St., e s, ab. Thompson St., 11 three-st'y brick dwells.; owner, Wm. T. B. Roberts.

Smick Ave., n w cor. Leverington Ave., 5 two-st'y stone dwells.; owner, John H. Birkmer, 202 Ripka Ave.

Wallace St., n s, e Thirty-sixth St., 2 three-st'y brick dwells.; owner, Samuel Bowers, 3318 Wallace St.

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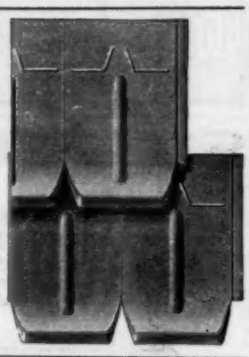

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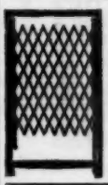

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BUILDING INTELLIGENCE.

dwells.; owner, Edward Davis, 836 North Fortieth St.

Bowman St., s s, bet. Thirty-fourth and Thirty-fifth Sts., dwell.; owner, Rollen Pickard, Thirty-fifth and Bowman Sts., Falls of Schuylkill.

Tacony St., n s, e Margaretta St., three-st'y brick dwell.; owner, Robert M. Fords, 4614 Worth St.

Mutter St., w s, n York St., two-st'y brick dwell.; owner, Daniel Neveling, 2806 Mascher St.

Palethorp St., w s, n York St., three-st'y brick dwell.; owner, Daniel Neveling, 2806 Mascher St.

Edmund St., n s, w Vankirk St., brick dwell.; owner, John McKay, 912 Fitzwater St.

Providence, R. I.—*Public, Glenham and Taylor Sts.*, three frame dwells.; cost, each, $3,000; owner, Isaac S. Cole; architect, Geo. W. Cady; builder, Jas. H. Canning.

Branch Ave., No. 169, frame dwell.; cost, $3,000; owners, John Wallace and wife; builder, John Butler.

Valley St., e s, near Atwells Ave., three-st'y frame boarding-house; cost, $3,000; owner, John Connor; builder, Samuel Bottomley.

River Ave., w s, frame dwell.; cost, $2,500; owner, James McPhillips; builder, J. McGregor.

Coville St., s e cor. Atwells Ave., frame dwell.; cost, $3,300; owner, Bartholmew Tieman; builder, John Harris.

Lancaster St., s s, near n Main St., frame dwell.; cost, $2,400; owners, A. A. Whaley and wife; builder, John Davidson.

Beacon and Marlboro Sts., two dwells.; cost, each $2,000; owner, John F. Dwyer; builders, Buffington & Andrews.

St. Albans, Vt.—Frame dwell., 60′ x 60′, and stable, old colonial style; owner, A. S. Richardson; work done by the day; architect, E. A. P. Newcomb, Boston.

Frame dwell., 40′ x 51′, and stable; owner, Geo. P. Twigg; work done by the day; architect, E. A. P. Newcomb, Boston.

St. Louis, Mo. — Plans are being prepared for brick and frame dwell., with sandstone trimmings, slate roof, 38′ x 60′, and stable, 30′ x 45′, colonial style; owner, George F. Tower; contract to be let; architect, E. A. P. Newcomb, Boston.

Two-st'y and mansard brick dwell.; cost, $8,000; owner, E. F. Hauck; architect, E. C. Janssen; contractors, Uhric & Son.

Two-st'y brick dwell.; cost, $3,200; owner, J. Stockstrom; architect, E. C. Janssen; contractor, C. Wehking.

Four adjacent two-st'y brick dwells.; cost, $11,000; owner, G. Hassendeubel; architect, E. C. Janssen; contractor, C. Wehking.

Two-st'y brick dwell.; cost, $2,800; owner, M. Brohammer; contractors, P. Schneider & Co.

Two-st'y brick dwell.; cost, $3,500; owner, John Ross; contractors, F. H. Gray & Bro.

Two-st'y brick dwell.; cost, $3,500; owner, J. M. Blong; contractor, B. Brady.

Two-st'y brick dwell.; cost, $4,000; owner, Jno. Klaus; contractor, M. Connelly.

Two-st'y and mansard brick dwell.; cost, $3,000; owner, F. Kassen; contractor, B. Koesten.

Two-st'y brick dwell.; cost, $2,500; owner, E. Preisler; sub-let.

Two-st'y brick dwell.; cost, $3,000; owner, Aug. Joerns; contractor, H. E. Ellerman.

Three adjacent two-st'y brick dwells.; cost, $2,-000; owner and contractor, M. E. McCaffrey.

BUILDING INTELLIGENCE.

Somerville, Mass.—*Ivaloo St.*, frame dwell., 24′ x 44′; owner, Edward Keating; builder, James B. Steadman.

Belmont Ct., frame dwell., 21′ x 34′; owner and builder, Wilbur P. Rice.

Concord Ave., two frame dwells., 22′ x 28′ and 16′ x 16′; owner, J. W. Connor.

Madison St., frame dwell., 24′ x 30′; owner and builder, Geo. E. Ricker.

School and Stickney Sts., frame dwell., 26′ x 30′; owner, Harry Dainty; builder, Geo. E. Ricker.

Alpine St., two frame dwells., 22′ x 27′, with ell's; owner and builder, Wilbur P. Rice.

Washington and Wyatt Sts., twelve frame dwells., 22′ x 27′; owner, Wilbur P. Rice.

Madison St., near School St., frame dwell., 40′ x 40′; owner, Mrs. Geo. A. Stiles; builder, Geo. A. Stiles.

Vine St., frame dwell., 15′ x 20′; owner, D. C. Collins; builders, Gillis Bros.

Central Ave., near Summer St., frame dwell., 32′ x 46′; owner and builder, Edward Cox.

Cedar St., cor. Warwick St., frame dwell. and store, 22′ x 30′; owner and builder, Wilbur P. Rice.

OFFICE-BUILDINGS.

New York, N. Y.—*Fulton St.*, s e cor. Nassau St., six-st'y office-building, first story granite, above brick and terra-cotta; cost, $75,000; owner, Frank Raub; architects, De Lemos & Cordes.

One Hundred and Twenty-fourth St., n s, s s One Hundred and Twenty-fifth St., com. 224′ e Seventh Ave., two office-buildings; owners, J. M. Horton Ice Co.; architects, Cleverdon & Putzel.

SCHOOL-HOUSES.

Abilene, Texas.—School-building will be built; cost, $10,000.

STABLES.

Boston, Mass.—*Sparkawk St., No.* 13, rear, Ward 25, frame stable, 25′ x 30′; owner, A. D. Henderson; builder, A. Marshall.

Alban St., rear, near Willis Ave., Ward 24, frame stable, 25′ x 30′; owner, Mrs. H. Furbush; builder, James Pope.

Philadelphia, Pa.—*Hains St., No.* 69, two-st'y brick stable, Frederick May for Henry Bock, on the place.

Hope St., w s, bet. Girard Ave., two-st'y stable; owner, D. C. Schuler, 2327 North Sixth St.

North Fifteenth St., No. 2217, two-st'y brick stable; owner, F. Kreutz, on the place.

St. Louis, Mo.—Two-st'y brick stable; cost, $7,300; owners, Meyer Bros. Drug Co.; architect, H. Beinke; contractor, H. E. Ellerman.

Two-st'y brick stable; cost, $4,500; owner, I. W. Morton; contractors, Kohlmeyer & Son.

STORES.

Brooklyn, N. Y.—*Hicks St.*, e s, 25′ s Congress St., 2 four-st'y brick stores and tenements, tin roofs; cost, each, $10,000; owner, Ann Gleason; architect and mason, J. F. Nelson; contractor, D. J. Lynch.

Third Ave., e s, 60′ s Twenty-fourth St., 5 three-st'y frame (brick-filled) stores and tenements, tin roofs; cost, $2,900 each; owner, T. Darling, Twenty-fourth St. and Third Ave.; architects, H. L. Spicer & Son.

Gates Ave., s s, 175′ e Hamburg Ave., three-st'y frame (brick-filled) store and flat, tin roof; cost, $4,000; owner, Terance Lynch, 1376 Gates Ave.; architect, E. Dennis; builder, C. Welcher.

BUILDING INTELLIGENCE.

Lee Ave., s e cor. Wallabout St., four-st'y frame (brick-filled) store and dwell., tin roof; cost, $7,000; owner, Jacob Bossert, Lee Ave. and Middleton St.; architect, J. Platte; builder, J. Auer.

Hamilton Ave., s s, 123′ 8″ e Henry St., four-st'y brick store, tin roof; cost, $6,500; owner, John Caulfield, 200 Hamilton Ave.; architect, J. W. Bailey; builder not selected.

Van Cott Ave., n e cor. Kingsland Ave., four-st'y frame (brick-filled) store and flats, tin roof; cost, $10,000; owner and builder, Paul C. Grening; architect, I. D. Reynolds.

Boerum Pl., No. 26, w s, 75′ s Livingston St., four-st'y brick store and tenement, tin roof; cost, $16,-000; owner, Thos. F. Stevenson, 49 St. Marks Ave.; architect, J. W. Bailey; builder not selected.

Clifton Pl., n e cor. Grand Ave., four-st'y brick store and tenement, gravel roof; cost, $20,000; owner, B. Conklin, 1995 Fulton St.; architect and builder, J. H. Herbert.

Graham Ave., No. 56, e s, 75′ s Varet St., four-st'y frame (brick-filled) store and tenement, tin roof; cost, $6,000; owner and builder, G. D. Lansels or Sansels, 56 Graham Ave.; architect, Th. Engelhardt.

Fulton Ave., n s, 22′ e Cleveland St., three-st'y frame store and dwell., tin roof; cost, $3,800; owner

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and contractor, Louis Islemann, 253 Twenty-first St.; architect, W. H. Wirth; mason not selected.

Stagg St., n s, 68′ 7″ w Bogart St., 5 three-st'y frame (brick-filled) stores and tenements, tin roofs; total cost, $22,500; owner, Isidor Mock, 81 Debevoise St.; architect, Th. Engelhardt.

Chicago, Ill.—W. Hanlon, one-st'y store, Kedzie St.; cost, $2,500; architect, J. C. Voght.

New York, N. Y.—*Broadway, Nos. 549-553, and Mercer St., Nos. 140-124*, ten-st'y brick store and warehouse, tin roof; cost, $700,000; owner, Chas. B. Rouss; architect, Alfred Zucker, 346 Broadway.

Walker St., Nos. 9-11-13, five-st'y brick store, tin roof; cost, $80,000; owner, Bernard S. Levy, 121 West Twenty-eighth St.; architect, Samuel A. Warner, 132 Broadway.

Sixth Ave., No. 683, five-st'y store-building, tin roof; cost, $20,000; owner, Mrs. Robert Currie, Broadway and Fifty-first St.; architect, H. I. Hardenburgh, 10 West Twenty-third St.

Broadway, No. 537, six-st'y brick store-building, tin roof; cost, $85,000; owner, Dora Moffatt Bramwell, 6 East Forty-eighth St.; architect, Samuel A. Warner, 132 Broadway.

Philadelphia, Pa.—*Main St.*, s e Unity St., three-st'y brick store and dwell.; contractor, George A. Harper, East Orthodox St., Frankford, Pa.

South Second St., No. 1227, three-st'y brick store and dwell.; builders, Dahl & Kidd, 132 Bainbridge St.

Somerset St., n s Park Ave., three-st'y store; builder, A. M. Zane, Twenty-second and Venango Sts.

Lancaster Ave., No. 4231, three-st'y brick store and dwell.; owner, Thomas C. Sloan, 51 West Fortieth St.

St. Louis, Mo.—Three-st'y brick store and rooms; cost, $4,400; owner, Wm. Freese; contractor, P. Sauerwein.

Six-st'y brick store; cost, $24,300; owner, P. Burns; contractor, J. D. Fitzgibbon.

Two-st'y brick store and rooms; cost, $2,800; owner, E. Howe; contractor, F. Wende.

TENEMENT-HOUSES.

Brooklyn, N. Y.—*Kosciusko St.* s s, 99′ w Reid Ave., 7 four-st'y brick tenements, tin roofs; cost, each, $8,000; owner, architect and builder, same as last.

Kosciusko St., s s, 80′ w Reid Ave., four-st'y brick tenement, tin roof; cost, $6,000; owner, architect and builder, same as last.

Concord St., n s, 100′ e Jay St., five-st'y brick tenement, gravel roof; cost, $20,000; owner, B. Conklin, 1995 Fulton St.; architect and builder, J. H. Herbert.

Harman St., n s, 100′ e Central Ave., 8 three-st'y frame (brick-filled) tenements, tin roofs; total cost, $36,800; owner and builder, Chr. Hahn, 262 Central Ave.; architect, F. Holmberg.

Hall St., No. 76, w s, 147′ 10″ s Park Ave., four-st'y frame (brick-filled) tenement, tin roof; cost, $6,000; owner, Mary Crowell, 74 Hall St.; architect, Th. Engelhardt.

Alabama Ave., w s, 225′ s Fulton Ave., four-st'y frame tenement, tin roof; cost, $6,150; owner, Frederick Reid, Atlantic and Williams Aves.; architect, W. H. Whitlock; builders, G. Conine and Weeks & Lindsay.

McDougal St., 550′ e Ralph Ave., three-st'y frame (brick-filled) tenement, tin roof; cost, $4,500; owner, Annie Trockel, 35 McDougal St.; builder, A. Kline.

Vigelius St., n s, 100′ e Broadway, 6 three-st'y brick tenements, tin roofs; cost, each, $3,300; owner and builder, Stephen J. Burroughs, 56 Broadway.

Metropolitan Ave., n s, 150, e Bushwick Ave., three-st'y frame (brick-filled) tenement, tin roof; cost, $4,500; owner, Patrick Ruddy, 227 Delancey St., New York; architect, F. J. Berlenbach, Jr.; builder not selected.

Grove St., s s, 100′ Bushwick Ave., 5 three-st'y frame tenements, tin roofs; cost, each, $9,000; owner, Claus Lundemann, Linden St.; architects, W. Field & Son; builder not selected.

Wyckoff Ave., e s, 50′ s Linden St., three-st'y frame (brick-filled) tenement, tin roof; cost; $4,000; owner, Mrs. O'Neill, 65 Rodney St.; architect, T. J. Beir; builders, D. Mahlmann and W. Nagel.

New York, N. Y.—*Courtland Ave.*, 49½′ n One Hundred and Fifty-third St, four-st'y brick tenement, tin roof; cost, $10,000; owner, Vincent Santer, 677 Courtland Ave.; architect, Louis Rayser, 3026 Third Ave.

St. Louis, Mo.—Two-st'y brick tenement; cost, $2,500; owner and contractor, Edward Hopf.

THEATRES.

New York, N. Y.—*Seventh Ave.*, theatre, to cover a lot 100′ 11″ x 175′; owner, A. H. Wood; architect, Geo. H. Griebel.

WAREHOUSES.

Baltimore, Md.—S. B. Sexton & Son, four-st'y brick warehouse, s s Conway St., bet. Little Green and Warner Sts.

Chicago, Ill.—J. Rosenburg, five-st'y warehouse, Canal St.; cost, $20,000; architects, Bauer & Hill.

New York, N. Y.—*William St., No. 195*, six-st'y brick and stone warehouse; owners, Wm. Zinserr & Co.; architects, De Lemos & Cordes.

MISCELLANEOUS.

Boston, Mass.—*Milk St.*, cor. Oliver St., nine-st'y brick and stone building, 74′ 11″ x 121′ 6″; to be of Perth Amboy buff-colored brick and Gatelawbridge stone; owners, American Bell Telephone Co.; architect, Carl Fehmer; masons, D. Connery & Co.

Braintree St., near Wilton St., Ward 25, one-st'y brick power-house, flat roof, 78′ x 92′; owners, West End R. R. Co.; builders, Jarvis Engineering Co.

Brooklyn, N. Y.—*Grand Ave.*, e s, 130′ s Myrtle Ave., two-st'y brick shop, gravel roof; cost, $6,000; owner, architect and builder, Morris Building Co., 215 Ryerson St.

St. James Pl., w s, 48′ s Fulton St., three-st'y brick shop, tin roof; cost, $3,000; owner and contractor, Howard J. Smith, 481 Vanderbilt Ave.; mason, J. J. Bentzen.

Camden, N. J.—*Van Hook and Railroad Aves.*, frame building for boiler-room.

Chicago, Ill.—E. Stege, four-st'y brewery, Ashland Ave.; cost, $50,000; architect, R. Stege.

D. Munis, foundry, Jefferson St.; cost, $4,500; architect, W. T. Lasher.

O. D. Wetherill, grain elevator; cost, $6,000; architects, W. Power & Son.

W. C. Newberry, barn; cost, $4,000; architect, W. L. B. Jenney.

Clinton, Ky.—Three-st'y brick and stone dormitory, 40′ x 55′, for Clinton College; heated by steam; architect, W. A. Rodman, Boston.

St. Louis, Mo.—Three-st'y brick freezing-house; cost, $10,000; owners, Anheuser-Busch Brew. Co.; sub-let.

PROPOSALS.

March 18, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 6th day of April, 1889, for the labor and materials required in the erection and completion of the basement and area walls of the United States Post-Office, Court-House, etc., building at Charleston, S. C., from top of concrete foundations, including first tier of floor-beams, etc., in accordance with the specification and drawings, copies of which may be seen at this office; the office of the Superintendent; the Builders' Exchanges at Baltimore, Md., and Cincinnati, O.; the Builders' and Traders' Exchanges, Chicago, Ill., and Louisville, Ky.; the Builders' and Dealers' Exchange, Charleston, S. C.; the Mechanics', Dealers' and Lumbermens' Exchange, New Orleans, La., and the Virginia Mechanics' Institute, Richmond, Va. Each bid must be accompanied by a certified check for $300. The Supervising Architect will furnish a limited number of copies of the specification and drawings at $2 a set, upon receipt of that sum in post-office money-order, drawn to the order of the Treasurer of the United States. WILL. A. FRERET, Supervising Architect. 691

POSTPONEMENT.

[At Savannah, Ga.]

OFFICE OF COMMISSIONERS AND EX-OFFICIO JUDGES, CHATHAM CO., GA., SAVANNAH, GA., March 18, 1889.

Notice is hereby given that the time for receiving sealed proposals for the material and workmanship required for the erection of a new Court-House for Chatham County, in the city of Savannah, is hereby postponed **from 12 o'clock M., on Monday, April 1, 1889, to 12 o'clock M., on Wednesday, April 10, 1889.**

ROBERT D. WALKER, C. C. C.
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SAMUEL MEINHARD, C. C. C.

Attest, JOHN R. DILLON, Clerk, C. C. C.
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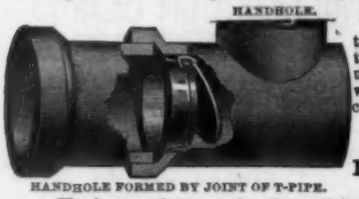

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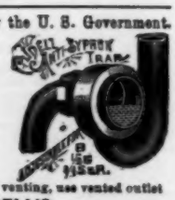

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PROPOSALS.

March 15, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 16th day of April, 1889, for the labor and materials required in the erection and completion of the superstructure above basement walls of the United States Custom-House, Post-office and Court-House building at El Paso, Tex., including interior finish and approaches (heating apparatus and elevator not included) in accordance with the specification and drawings, copies of which may be seen at this office; the office of the Superintendent; the Builders' Exchanges at Baltimore, Md.; Cincinnati, O., and Indianapolis, Ind.; the Builders' and Traders' Exchanges at Chicago, Ill.; Kansas City, Mo., and Louisville, Ky.; the Mechanics', Dealers' and Lumbermens' Exchange, New Orleans, La.; the Mechanics' Exchange, St. Louis, Mo., and the Builders' and Dealers' Exchange at Charleston, S. C. Each bid must be accompanied by a certified check for $500. The Supervising Architect will furnish a limited number of copies of the specification and drawings at $5 a set, upon receipt of that sum in post-office money-order, drawn to the order of the Treasurer of the United States. WILL. A. FRERET, Supervising Architect. 691

PROPOSALS FOR CEMENT. Office of Building for Library of Congress, 145 East Capitol Street, Washington, D. C., March 18, 1889. Sealed proposals for furnishing and delivering 5,000 barrels of natural hydraulic cement at the site of the Building for the Library of Congress, in this city, will be received until 2 P. M., on Thursday, the fourth day of April, 1889, and opened immediately thereafter in presence of bidders. Specifications, general instructions and conditions, and blank forms of proposal, may be obtained on application at this office. BERNARD R. GREEN, Superintendent and Engineer. 692

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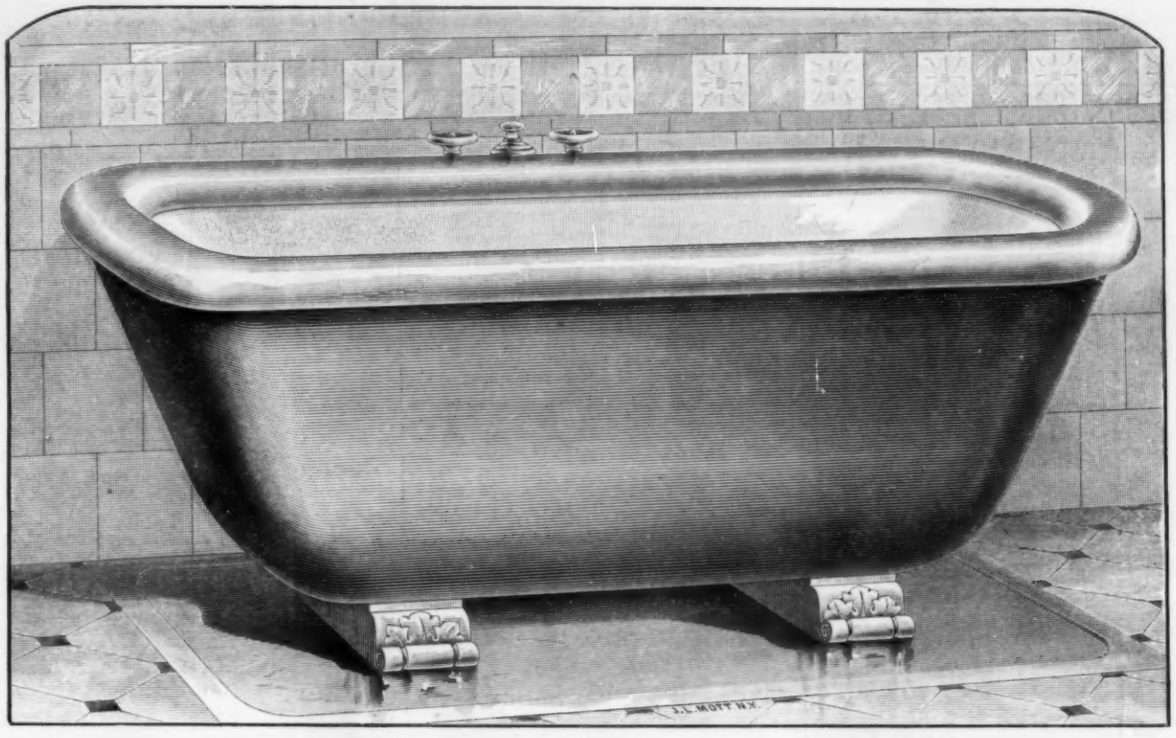

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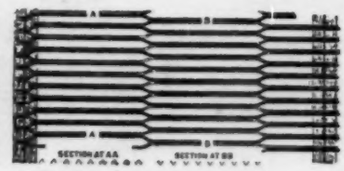

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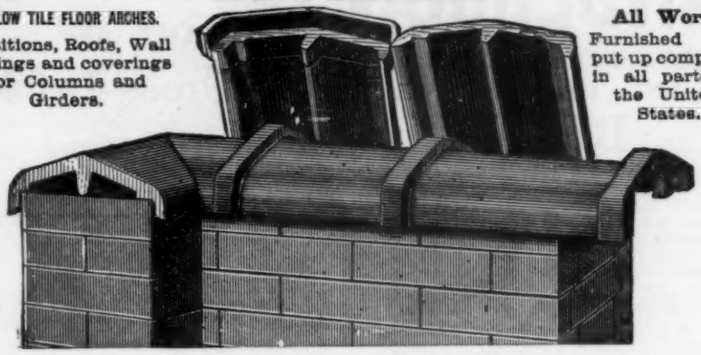

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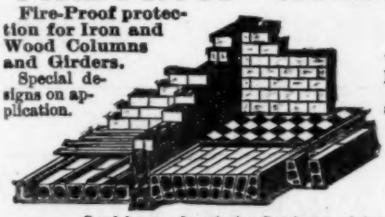

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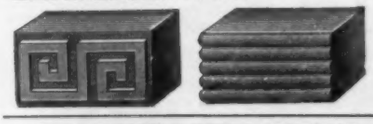

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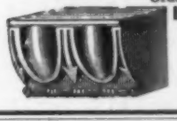

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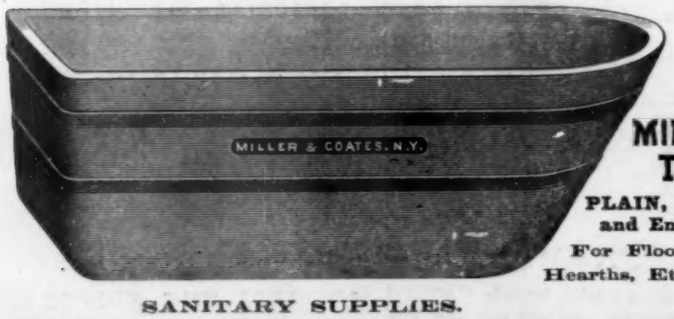

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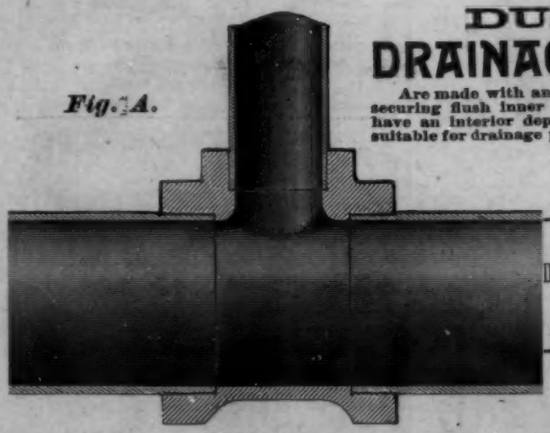

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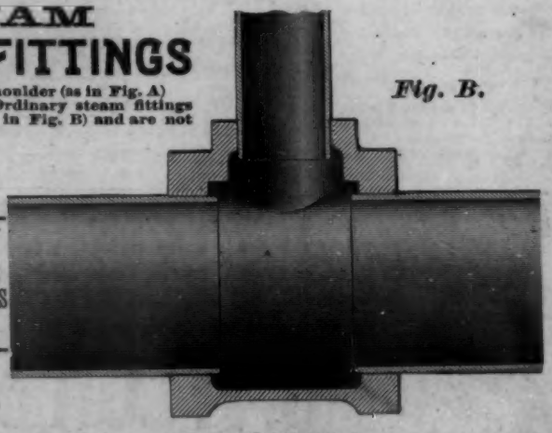

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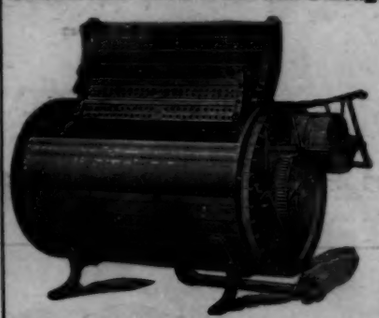

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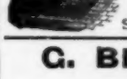

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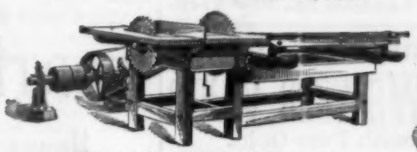
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—AND THE—
Free Ocean Passages to Europe,
ADDRESS THE EDITORS.

BUILDING MATERIALS.

Reported for the American Architect and Building News.

BRICK. — ℔ M.	New York. (Wholesale Prices.)	Boston. (Prices to Builders and Contractors.)	Chicago. (Prices to Builders and Contractors.)	Philadelphia. (Prices to Builders and Contractors.)
Common: *Cargo afloat.*		Eastern	Building Brick	Sq. Hard @ 12 0
Pale	$ 50 @ $4 00	$ 50 @ 9 00	6 50 @ 7 00	" @ 12 00
Jersey	6 50 @ 7 00	Bay State Hard		Salmon @ 7 00
Long Island	8 00 @ 8 50	2 50		Sq. " @ 9 00
Up River	7 50 @ 8 00	Domestic Com.	Indiana Pressed	Light Stretchers
Haverstraw Bay 2nd	@ 8 00	9 50 @ 10 00	16 00 @ 22 00	@ 12 00
" 1st	8 25 @ 8 50	Domestic Face	St. Louis Fronts	Medium "
Hollow	@ 13 00	20 00 @ 22 00	@ 27 00	@ 14 00
Fronts		Philadelphia		Red "
Croton, Brown	14 00 @ 15 00	40 00 @ 45 00		@ 15 00
" dark	15 00 @ 16 00	Phila. mould		Dark "
" red	15 00 @ 16 00	50 00 @ 80 00		@ 15 00
Chicago pressed (Anderson)			18 00 @ 27 00	Pressed
Chicago Moulded		Anderson	65 00 @ 320 00	22 00 @ 25 00
Baltimore	37 00 @ 41 00	14 00 @ 32 00	45 00 @ 55 00	Best Paving
Philadelphia	27 00 @ 28 00		45 00 @ 50 00	@ 16 00
Trenton	@ 27 00		25 00	Second "
Milwaukee			60 00 @ 100 00	@ 14 00
Moulded:			30	Third "
Red	25 00 @ 27 00		35	@ 13 00
"	30 00 @ 35 00		55 00 @ 65 00	
White Glens Falls Mold	45 00 @ 60 00			
Enamelled: *Imp.*			@ 100 00	
Enamelled (edge)	85 00 @ 100 00		@ 120 00	Dom. @ 65
Enamelled (edge and end)	90 00 @ 115 00			@ 85
CEMENT, LIME, etc. — (℔ *cask.*)				
Rosendale Cement	1 00 @ 1 10	@ 1 40	*Not Sold.*	1 30 @ 1 50
Louisville "			1 05 @ 1 30	B & S.E. 275 @ 300
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	*Not sold.*	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	@ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (R. B. & S.)	2 35 @ 2 50	@ 2 85	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	@ 2 45	3 00 @ 3 25	2 85 @ 3 15
" " (Burham)	2 50 @ 2 80	@ 2 85	2 90 @ 3 15	2 50 @ 2 75
" " (White's)	2 65 @ 3 00	@ 2 85	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 35 @ 2 85	3 00 @ 3 50	3 00 @ 3 25	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 25	2 80 @ 3 15	2 50 @ 2 75
" " (Vorwohler)	2 50 @ 2 90	*Not sold.*	2 80 @ 3 15	Joeson
" " (Lagerdofer)	@	3 00 @ 3 50	2 75 @ 3 00	2 50 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25		3 25 @ 3 50	2 65 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not Sold.*	2 75 @ 3 00
" " Stettin, (Anchor)	2 35 @ 2 85		*Not Sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 50 @ 2 75
Roman	2 75 @ 3 00	@ 3 20	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	7 00 @ 7 50	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	11 00 @ 12 00	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30 ℔ bush
Chicago Lime in bulk		St. John 1 00	55 @	White Mass
Wisconsin "			60 @	1 25 @ 150
Rockland and Rockport, (Com.)	@ 1 00	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish.	@ 1 20	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing "	@ 1 10	*Not sold.*	*Not sold.*	*Not sold*
Plaster of Paris (calcined.)	1 30 @ 1 35	1 85 @ 2 00	1 85 @ 1 90	1 25 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ℔ bush	18 @ 21	25 @ 30	20 @ 25	22 @ 30
" (Goat)	25 @ 28	@ 30	30 @ 55	30 @ 32
Sand, ℔ load	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (℔ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 90		55 @ 65
Limestone:	45 @ 1 25	95 @ 1 00	50 @	
Bedford	@ 1 00		35 @ 55	75 @ 90
Joliet	@		35 @ 60	Richmond
Lemont	@		@ 1 00	75 @ 1 50
Serpentine	@			4 50 ℔ Perch

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"HARD OIL FINISH."

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	New York. (Wholesale Prices.)	Boston. (Prices to Builders and Contractors.)	Chicago.	Philadelphia.
Foundation:				
Dimension		5 00 ℔ ton	20 @ 2	@ 5 00
Block		4 00 ℔ perch		Conshocken
Rubble		1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 20
Planed	50 @ 6 00	75	80 @ 1 00	45 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		} 95 @ 1 10
Kibbe	@ 90	90 @ 1 10		
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ sub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	} 55 @ 1 00
Berea } Ohio	75 @ 1 00	80 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 40
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 00 @ 1 10
Obio	@	@ 2 00	"	1 25 @ 1 50
Carlisle, English	@ 1 05	80 @ 90		95 @ 1 10
Corse Hill (Scotch)	1 05			
Marble (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and Blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined	@	50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna	@	3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red	@	1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville	@	85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@		*Not sold.*	2 00 @ 3 00
Vermont, white	@	1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate; Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	‡3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 8 85	3 25 @ 4 00
" " Chapmans	— —		7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 00 @ 7 50	7 00 @ 9 50	@ 5 25
Tiles, Am. ℔ M.	@		*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil,* ℔ *lb.*)				
White lead, Am	7 @ 7½	7 @ 7½	6½ @ 7½	7 @ 7½
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	6 @ 6½
Red lead, Am.	6½ @ 7	7 @ 7½	6½ @ 7½	6½ @ 6½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. @ 65
Red Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	@ 16
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" @ 24
Black, lamp	15 @ 25	15 @ 25	8 @ 30	@ 15
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw) (℔ gal.)	56 @ 58	58 @ 60	56 @ 57	@ 56
" " boiled (℔ gal.)	59 @ 61	61 @ 63	59 @ 60	@ 59
Turpentine (℔ gal.)	53 @ 54	53 @ 56	50½ @ 54½	@ 50
Varnish, coach (℔ gal.)		1 50 @ 6 00	1 25 @ 2 00	1 25 @ 3 50
Shellac (℔ gal.)		2 50 @ 3 00	2 25 @ 4 00	2 25 @ 3 00
Putty	2 @ 4	2 @ 4	02 @ 02½	1½ @ 2½
Whiting } dry	75 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.,) } dry	1 80 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Lithargo, Am	5½ @ 6	5½ @ 6½	6½ @ 7½	6 @ 6½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	@ 14
Umber, "	14 @ 20	14 @ 20	2 @ 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) **Spikes,** (*wrought.*)	@ 2 85		2 15 @	pr kg @ 2 10
10d. common	@ 2 60	@ 2 15	@ 2 25	@ 2 30
Shingle	@ 3 35	@ 2 65	@ 2 75	@ 3 40
Lath	@ 4 85	@ 3 65	@ 3 65	4 50 @ 5 50
Finishing nails according to size.)			Add .85 to $1.15	per ℔ 11 @ 14
(*For casing nails add 75c. per keg.*)			" .50 to .90	Add pr cask
Butts: 4"x 4" (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 10
Japanned	@ 1 50	@ 1 75	*Not sold.*	1 75 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 75 @ 2 00
Ball Tip, Boston Finish. ℔ pair.)	@ 65	@ 50	*Not sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 45
Brass (of cupboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony				@ 35
Apple wood				37 @ 1 00
Knobs: (℔ *Set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hematite	*Not sold*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 2 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 %	22 @ 35
Sheet Lead		@ 6½		
Lead Pipe		@ 6		
Iron:				
I-Beams, up to and including 20 ft	3 3-10 @ 3½	2 8-10 @ 3	@	@ 2 8-10
I-Beams, over 20 ft. ½, ¼, ½ c. advance			@ 4	@ 2 8-10
Channel-Beams	3 3-10 @ 3½	2 8-10 @ 3	@ 4	@ 2 8-10

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The most useful invention for Window Sashes ever put on the market. Every window requires them.

Reasons why you should use them: It cost less than one and one-half cents per Sash; requires no nails or screws; can be put up in or taken out in less than one minute; prevents the knot from fraying out and getting between the sash and frame; does not split the sash like nails or screws; prevents the cord from running back into the weight pocket. Manufact'd by the EMPIRE PORTABLE FORGE CO., Cohoes, N. Y., U. S. A.

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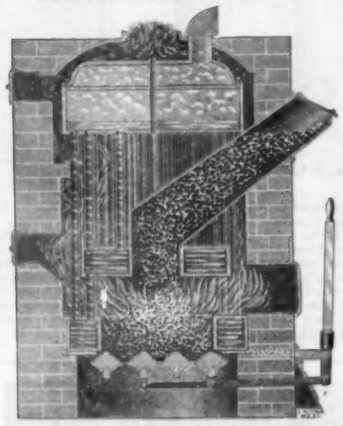

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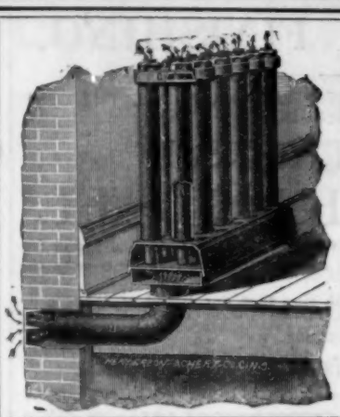

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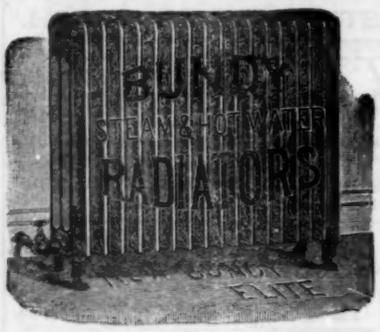

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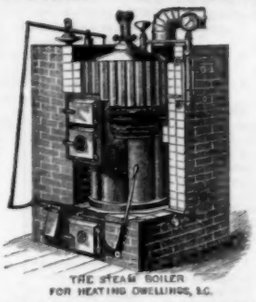

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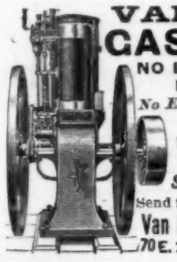

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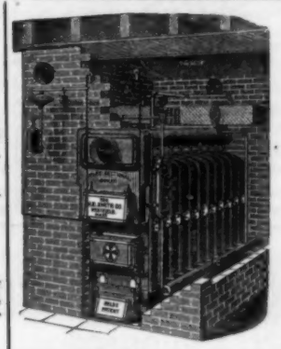

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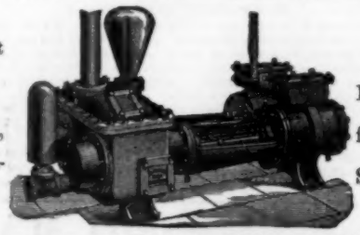

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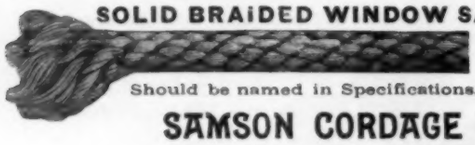

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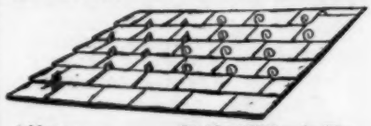

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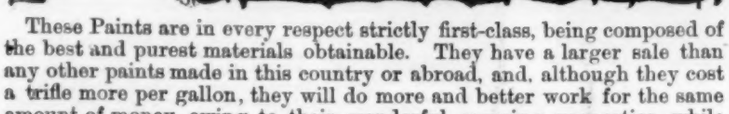

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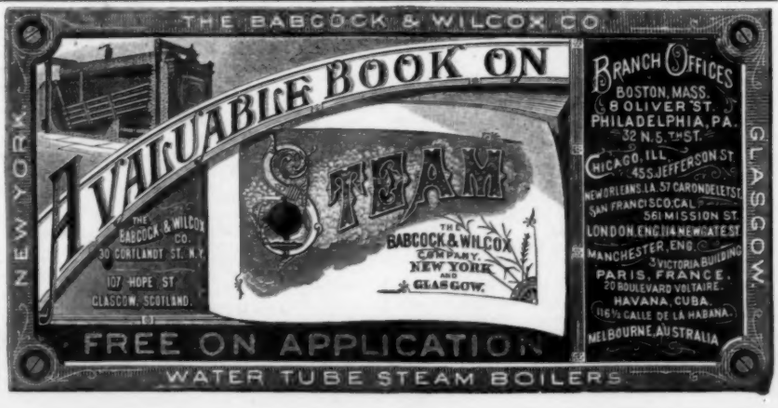

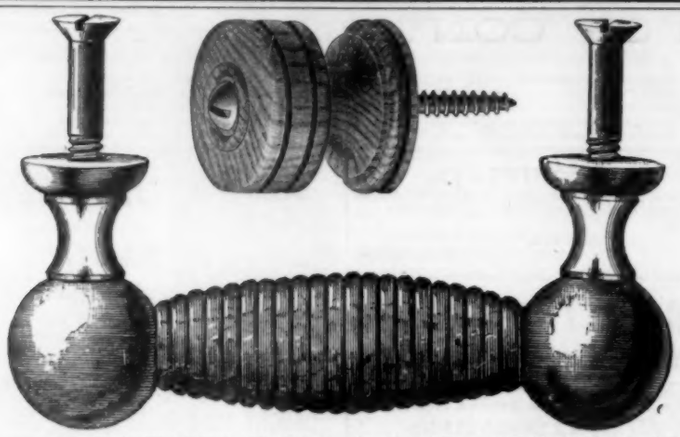

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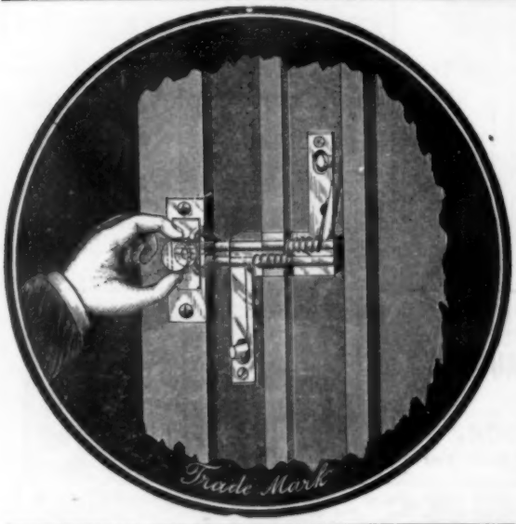

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BUILDING INTELLIGENCE.

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[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Boston, Mass.—*Washington St., No.* 2249, Ward 19, repair fire damage to store and factory; owner, Hiram Hall estate; builder, C. A. Jefferson.

Elwood St., No. 9, Ward 5, alter first floor of brick building for dwell.; owner, J. Gahm; builder, J. B. Shea.

Poplar St., No. 91, cor. Brighton St., No. 119, Ward 8, general alterations to brick dwell.; owner and builder, John Judge.

Snow Hill Pl. and Cleveland Pl., Ward 6, addition rear and alter to flat, ten dwells.; owner, John Blackie; builder, J. McDonald.

Hampden St., No. 170, cor. George St., Ward 20, alter frame bakery to dwell.; owner, F. L. Rich; builders, Loring & Son.

Friend St., No. 256, Ward 7, repair brick dwell. and store; owner, E. A. Haskett; builders, Richardson & Young.

George St., No. 91, alter frame dwell. and bakery to flat; owner, M. Kaiser; builder, J. F. Smith.

BUILDING INTELLIGENCE.

Tremont Pl., cor. Beacon St., Ward 10, remodel apartments and offices; owner, W. J. Otis; builder, C. R. Morgan.

South Market St., Nos. 10-12, *and Chatham St., No.* 35, Ward 6, increase height, mercantile building; owners, M. W. Weld and others; builders, Neal & Preble.

Atlantic Ave., No. 342, cor. Rowe's Wharf, Ward 12, new front to mechanical building; owners, Rowe's Wharf Corporation; builders, J. W. Hildreth & Son.

Salem St., cor. North Margin St., Ward 7, general alterations to dwells. and stores; owner, David Kiokyn; builder, M. McLean.

Tremont St., No. 188, cor. Head Pl., Ward 10, new front and iron roof to mercantile building; owner, Warren Sherburne; builder, K. Driscoll.

Chicago, Ill.—F. E. Spaids, owner and architect, six-st'y addition, Michigan Ave.; cost, $35,000.

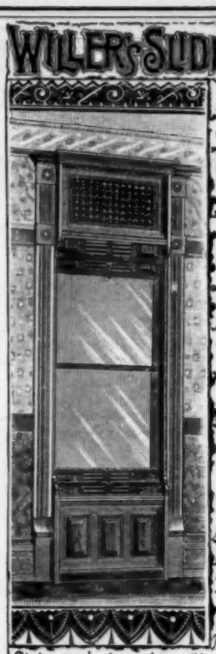
Marshall Field, two-st'y addition, Fifth Ave.; cost, $4,000; architect, W. A. Barton.

St. Louis, Mo.—Alter four-st'y brick store; cost, $8,000; owners, Washington University; contractor, J. Givens.

Two-st'y brick addition to warehouse; cost, $4,500; owners, St. Louis Stamping Co.; architect, A. Beinke; contractors, Bothe & Ratermann.

APARTMENT-HOUSES.

Chicago, Ill.—G. A. Paisler, three-st'y flats, Wood St.; cost, $4,200; architect, A. Bessler.



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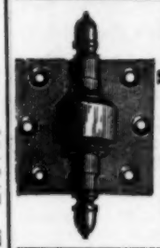

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P. Kelley, two-st'y flats, Sheffield Ave.; cost, $4,500; architects, Donnellan & Thomas.

J. Wilson, three-st'y flats, North Morgan St.; cost, $3,700; architect, Hansen.

A. Carnish, three-st'y flats, Hudson Ave.; cost, $4,200; architects, Schaub & Berlin.

J. Schrachta, three-st'y flats, Throop St.; cost, $5,000; architect, J. Krivanek.

W. R. Gore, 3 three-st'y flats, Wallace St.; cost, $9,000; architect, J. N. Searls.

Mrs. M. Larson, two-st'y flats, West Superior St.; cost, $2,800; architect, A. Lund.

J. Tabara, two-st'y flats, West Thirteenth St.; cost, $2,600; architect, J. Krivanek.

J. H. Merker, three-st'y flats, Portland Ave.; cost, $3,500; architects, G. F. & G. P. Doerr.

W. Stychlik, three-st'y flats, West Eighteenth St.; cost, $6,000; architect, F. C. Sayer.

J. Hermowski, owner and architect, two-st'y flats, Linn Ct.

M. O. Tremain, owner and architect, 2 two-st'y flats, Marshfield Ave.; cost, $9,000.

J. F. Gubbins, owner and architect, 2 two-st'y flats, West Sixteenth St.; cost, $2,800.

T. Stirton, owner and architect, two-st'y flats, Wilcox Ave.; cost, $2,700.

B. Steinbrecher, four-st'y flats, West Twenty-second St.; cost, $12,000; same owner and architect.

R. B. Moore, owner and architect, two-st'y flats, Owasco St.

Anna Geile, four-st'y flats, North Ave.; cost, $15,000; architect, A. F. Boos.

W. Glei, two-st'y flats, Dudley St.; cost, $2,500; architects, Weigref & Wessel.

J. N. Hansen, two-st'y flats, North Western Ave.; cost, $2,760; architect, P. Jensen.

F. Linsenbarth, three-st'y flats, La Salle Ave.; architect, W. Lipperich.

Kenney & Brady, 5 two-st'y flats, Emerson Ave.; cost, $13,000; architects, Holman & Dyer.

J. W. Hersey, two-st'y flats, Warren Ave.; cost, $10,000; architects, Wilson, Marble & Lawson.

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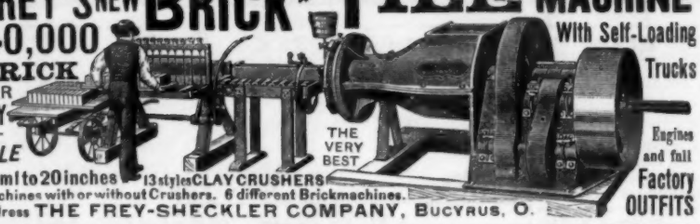

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BUILDING INTELLIGENCE.

J. Rheingruber, two-st'y flats, Flournoy St.; cost, $3,200.

O. Kathman, four-st'y flats, Wentworth Ave.; cost, $10,000; architects, G. F. & G. P. Doerr.

C. Sibal, three-st'y flats, West Eighteenth St.; cost, $6,000; architects, J. Waska & Sons.

M. Kasandra, three-st'y flats, Twenty-fifth Pl., cost, $4,700; architects, same as last.

J. Wadsen, three-st'y flats, West Division St.; cost, $4,500; architects, Lutken & Thisslen.

Mrs. C. Kirchoff, three-st'y flats, West Huron St.; cost, $5,000; architects, H. Rehwoldt & Co.

E. J. Ellstrom, three-st'y flats, Butterfield St.; cost, $5,000; architect, Burquist.

C. Seipp, three-st'y flats, Thirty-first St.; cost, $10,000; architects, Furst & Rudolph.

Mrs. C. Thompson, two-st'y flats, West Congress St.; cost, $2,800; architect, P. E. Walsh.

Mrs. H. J. Hart, three-st'y flats, Wabash Ave.; cost, $8,000; architect, P. Hale.

C. Base, two-st'y flats, Eighteenth Pl.; cost, $2,500; architect, H. Schoening.

J. Noftz, two-st'y flats, Newton St.; cost, $3,000; architect, C. Meister.

C. Gunther, two-st'y flats, Leavitt St.; cost, $3,000; architect, C. Neissen.

H. Steelman, two-st'y flats, North Wood St.; cost, $2,500; architect, A. Blettner.

New York, N. Y.—*One Hundred and Twenty-fourth St.*, n s, 21' e St. Nicholas Ave., 4 five-st'y brick flats, tin roofs; cost, $80,000; owner, James W. Ramsay, 44 West Twenty-seventh St.; architect, Geo. M. Walgrove, 160 Fulton St.

West Twelfth St., No. 29, five-st'y brick flat, tin roof; cost, $20,000; owner, Louis Adams, 217 Fifth St.

East Third St., No. 85, five-st'y brick flat, tin roof; cost, $18,000; owner, John Schnugg, 244 East Fifth St.; architect, J. Kastner, 744 Broadway.

Eighty-ninth St., s s, 93' w Tenth Ave., five-st'y brick flats, tin roofs; cost, $20,000; owner, John N. Stewart, Williams Bridge, N. Y.; architect, I. B. Cashman, 1 Broadway.

Ninth Ave., n w cor. One Hundred and Sixty-first St., five-st'y brick flats, tin roof; cost, $25,000; owner, McKelvey, 414 West Forty-ninth St.; architect, James W. Cole, 403 West Fifty-first St.

Ninetieth St., s w cor. Ninth Ave., five-st'y brick flat, tin roof; cost, $35,000; owner, Geo. J. Hamilton, 140 West Seventy-second St.; architects, Thom & Wilson, 1267 Broadway.

One Hundred and Third St., s s, 150' e Riverside Drive, 3 three-st'y brick flats, tin roofs; cost, $45,000; owner, Robert Baird, One Hundred and Seventeenth St. and St. Nicholas Ave.; architect, E. L. Angell, 94 Liberty St.

Ninetieth St., s s, 30' w Ninth Ave., 2 five-st'y brick flats, tin roofs; cost, $60,000; owner, Geo. J. Hamilton, 140 West Seventy-second St.; architects, Thom & Wilson, 1267 Broadway.

One Hundred and Twenty-sixth St., n s, 225' e Third Ave., five-st'y brick flat, tin roof; cost, $15,000; owner, Louis G. Seyer, 2094 Third Ave.; architects, Cleverdon & Putzell, 110 East One Hundred and Twenty-fifth St.

Tenth Ave., n e cor. Seventy-fifth St., 3 six-st'y brick flats, tin roofs; cost, $175,000; owner, Joseph E. Vandewater, 115 Nassau St.; architects, Rose & Stone, 111 Broadway.

One Hundred and First St., s s, 275' w Ninth Ave., five-st'y brick flat, tin roof; cost, $18,000; owner, Patrick Canavan, 518 West Thirty-sixth St.; architects, Thom & Wilson, 1267 Broadway.

East Ninety-fifth St., No. 167, five-st'y brick flat, tin roof; cost, $20,000; owner, Egbert Winkler, 169 East Ninety-fifth St.; architect, Frank Wennemer, 204 East Eighty-sixth St.

Lexington Ave., s w cor. Thirty-fourth St., 2 seven-st'y brick flats, mansard, iron and tin roofs; cost, $132,500; owner, Thomas Brennan, 211 East Twenty-second St.; architect, Geo. Edward Harding, 40 Exchange Pl.

One Hundred and Forty-fifth St., s w cor. Eighth Ave., 8 five-st'y brick flats, tin roofs; cost, $167,000; owner, Jula P. Kennerly, 234 Fifth St.; architects, Schneider & Herter, 48 Bible House.

CHURCHES.

New York, N. Y.—*One Hundred and Forty-first St.*, n s, from Convart Ave. to Hamilton Terrace, St. Luke's Episcopal Church, edifice; cost, $250,000; architect, E. L. Roberts.

FACTORIES.

Chicago, Ill.—F. H. J. Lambier, three-st'y factory, North Ann St.; cost, $8,500; architects, Donnelly & Tloma.

P. Larsen, four-st'y factory, Austin Ave.; cost, $6,000; architects, Carlson & Berg.

New York, N. Y.—*Rutgers Slip, No.* 69, five-st'y brick factory, tin roof; cost, $7,000; owner, William Lane, 188-190 Division St.; architect, Frederick Jenth, 191 Forsyth St.

East One Hundred and Twenty-sixth St., Nos.

[*Continued on page* xvi.]

Comments of the Press on a New Book

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ENTITLED:

"A TIN ROOF."

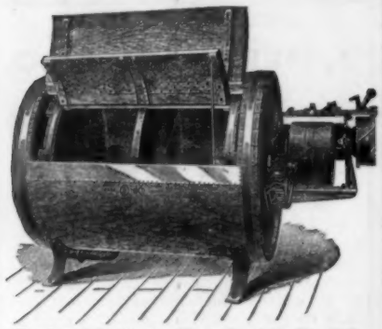
A Valuable Book.

UNDER the title "*A Tin Roof*," Messrs. Merchant & Co., Philadelphia, have published a valuable work on the subject of roofing materials. No architect can afford to be without the book, as it treats very fully on a subject with which he should be conversant. The book has been compiled by one thoroughly versed in the subject of tin roofing, and it touches on different features of the subject which have heretofore never been published, and it is to be questioned whether the information could be obtained by architects from the roofing trade. The closing paragraph of the book is as follows: "We are prepared to prove that we were the first to introduce guaranteed plates and stamp every sheet with the name of the brand and thickness; and having also done away with the imperfect or waste sheets to further protect architects (who wish to specify and property owners who want to use the best), we feel that we have a right, under these circumstances, to ask that our guaranteed brands shall not be specified along with other brands in the market, which are inferior in quality, coating, weight and assortment." Architects throughout the country will do well to secure a copy of the book, which can be done by addressing Merchant & Co., Philadelphia.—*Philadelphia Evening Call*, February 18, 1889.

Something Worth Reading.

"*A Tin Roof*" is the title of a little book just issued by Messrs. Merchant & Co., 517 Arch Street, Philadelphia. The purpose of the publication is to supply to builders, architects, and the general public some exact information as to the best methods of constructing a tin roof and as to the right materials to be used to secure satisfactory and permanent results. We especially recommend the book, which is intended for gratuitous distribution, to mill-owners. They are very apt to entrust the matter of roofing wholly to builders, and they usually know very little about the character of the tin used or the excellence or defectiveness of the job. This pamphlet will help them to protect their interests. It is very explicit, perfectly comprehensible, and we think wholly trustworthy. It is quite profusely illustrated, and the cuts indicate processes of applying tin-roofing which insure excellence.—*Philadelphia Telegraph*, February 16, 1889.

MESSRS. MERCHANT & CO., of Philadelphia, are about to issue a work on the subject of tin roofing for the benefit of architects, which they have had compiled at considerable expense and labor by one thoroughly versed in the subject of tin roofing. It touches on different features of the subject which have heretofore never been published. While this work is issued partly as an advertisement of their guaranteed plates, it will be found to contain very valuable information. It is for distribution to those who want the information, though it is not their purpose to send it out broadcast, as it is too valuable a work in itself to go into the waste basket. The book will be nicely bound, and the title will be "*A Tin Roof*." Messrs. Merchant & Co., have done all in their power to bring about the use of a better class of material, and were the first to introduce plates every sheet stamped with the brand and thickness, and as the doing away with the wasters, or imperfect sheets, has been the cause of great loss of profit to this concern, in their determination to keep faith with the architectural profession, they find that in some cases even leading architects are to-day simply using their brands as a figure-head, and are inserting in their specifications not only cheaper brands than theirs, but brands the wasters of which can be obtained and will be used. Consequently they have now taken the stand to simply ask the architect to drop their brands entirely if they are to be used with inferior goods, as they do not care to be held responsible by their clients when the roof proves inferior by reason of the use of cheaper material than they offer to the public.—From *Manufacturers' Record*, Baltimore, of February 9, 1889.



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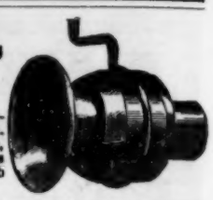

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BUILDING INTELLIGENCE.

159-161, five-st'y brick factory, tin roof; cost, $28,000; owner, Howard D. Hamm, 244 West One Hundred and Thirty-second St.; architect, Ernest W. Gries, 36 Union Sq.

One Hundred and Thirty-eighth St., s s, 75′ w Mott Ave., three-st'y brick workshop, tin roof; cost, $4,500; owner, Mrs. Rivers, Portland, Me.; architect, J. F. Omeyer, 528 Willis Ave.; lessee, E. M. Pritchard, 558 Mott Ave.

Suffolk St., No. 30, six-st'y brick factory, tin roof; cost, $28,000; owner, Joseph Goldstein, 34 New Bowery; architects, Flemer & Koehler, 261 Broadway.

Philadelphia, Pa.—*North Ninth St., Nos.* 2246-2248, brick factory; owner, George Woolford, 2217 Venango St.

Hamilton St., s s, w Twelfth St., two-st'y brick factory; owner, David Mintzer, 1841 North Twenty-third St.

HOTELS.

New York, N. Y.—The Hotel Bartholdi is to be enlarged; architect, W. K. Morgan.

HOUSES.

Angora, Pa.—Two three-st'y stone cottages; owner, Francis H. Thole, Angora, West Philadelphia.

Boston, Mass.—*Mitchell St., No.* 16, Ward 15, two-st'y frame dwell., flat roof, 18′ 8″ x 32′; owner, H. Grages; builder, U. Wilhelm.

Meridian St., No. 351, cor. Eutaw St., Nos. 15-17, Ward 1, three-st'y frame dwell. and store, flat roof, 24′ x 48′; owner, W. L. Sturtevant.

Hammond St., Nos. 97-109, Ward 19, 7 three-st'y brick dwells., flat roofs, 20′ x 35′; owner, R. T. Paine; builder, G. W. Pope.

Hammond St., No. 97, *rear*, Ward 19, 8 three-st'y brick dwells., flat roofs, about 20′ x 30′; owner, R. T. Paine; builder, G. W. Pope.

Elton St., n s, near Dorchester Ave., Ward 24, frame dwell., 21′ x 38′; owner, F. Russell; builder, J. J. Crowe.

Millett St., near Wheatland Ave., Ward 24, 2 two-st'y frame dwells., flat roofs, 22′ x 44′; owner, J. P. B. Carlton; builder, W. T. Eaton.

Amory St., rear, near Boylston St., Ward 23, 2 three-st'y frame dwells., flat roofs, 22′ x 50′; owner, L. H. Mahn; builder, G. A. Cahill.

Westover St., near Weld St., Ward 23, frame dwell., 22′ x 30′; owner, G. West; builder, G. W. Vaughn.

Gordon Pl., off Adams St., Ward 24, two frame dwells., 23′ x 30′; owner, Jason Gordon.

Weld St., cor., Ward 23, frame dwell., 24′ x 34′; owner, W. Randall; builder, H. A. Messiah.

BUILDING INTELLIGENCE.

Franklin St., near Lincoln St., Ward 25, frame dwell., 37′ 9″ x 44′ 8″; owner, H. W. Bates; builders, Mitchell & Sutherland.

Cambridge St., near Gordon St., Ward 25, frame dwell., 20′ 3″ x 43′ 10″; owner, John Craig; builders, Long & Ruggles.

Gordon St., cor. Cambridge St., Ward 25, three-st'y frame dwell., pitch roof, 46′ 8″ x 19′ 3″; owner, John Craig; builders, Long & Ruggles.

Hawthorne St., near Sycamore St., Ward 23, two frame dwells., 22′ x 28′; owner, W. A. Davis; builder, M. H. Fossett.

Milton St., near Byron St., Ward 1, frame dwell., 20′ x 28′; owner, John Calhoul; builder, J. G. Martin.

Monroe St., No. 39, cor. Hazlewood St., Ward 21, and also No. 41 Monroe St., 2 three-st'y frame dwells., flat roofs, 32′ x 61′ 8″; owner, H. G. Brown; builders, Swanson & Murray.

Codman Park, No. 43, Ward 21, three-st'y frame dwell., flat roof, 24′ x 35′; owner and builder, Christina Cameron.

Marcella St., No. 111, Ward 21, three-st'y frame dwell., flat roof, 19′ x 32′; owner and builder, J. B. Mulvey.

Howard Ave., cor. Wayland St. ext., Ward 20, two frame dwells., about 25′ x 38′; owner and builder, E. A. McKay.

Marcella St., No. 109, Ward 21, three-st'y frame dwell., flat roof, 19′ x 32′; owner and builder, J. B. Mulvey.

Cambridge, Mass.—*Washington Ave.*, frame dwell., 30′ x 70′, old colonial style; owner, D. A. Ritchie; architects, Hartwell & Richardson, Boston; contract to be let.

Chicago, Ill.—W. C. Leferman, two-st'y dwell., Irving Pl.; cost, $3,500; architects, Bauman & Hull.

P. J. Rowan, three-st'y dwell., West Adams St.; cost, $8,000; architect, N. S. Devine.

E. H. Valentine, three-st'y dwell., North State St.; cost, $25,000; architects, Burnham & Root.

G. W. Williams, 4 two-st'y dwells., Flournoy St.; cost, $12,000; architect, J. McGrath.

W. Proctor, owner, architect and builder, 4 three-st'y dwells.; cost, $38,000.

H. J. Vandehorst, three-st'y dwell., Dearborn St.; cost, $15,000; architect, W. Strippelman.

E. A. Grimm, two-st'y dwell., Park Ave.; cost, $4,000; architects, Bauman & Cady.

S. C. Hayes, owner, architect and builder, 2 two-st'y dwells., Walnut St.; cost, $7,000.

Detroit, Mich.—Jeremiah Connor, two-st'y frame dwell., 225 Forest Ave.; cost, $4,500.

W. G. Malcomson, two-st'y brick dwell., 52 Medbury Ave.; cost, $5,000.

BUILDING INTELLIGENCE.

Chas. Bock, cottages, 406-408-410 Fifteenth St.; cost, $2,600.

B. N. Bunting, brick dwell., 282 Hudson St.; cost, $2,000.

T. J. Wilson, frame dwell., 326 Frederick St.; cost, $3,500.

W. Scovel, brick dwell., 40 Lincoln Ave.; cost, $4,500.

Devon, Pa.—Country dwell.; owner, Wm. Tier; architect, Lindley Johnson, Philadelphia, Pa.

Germantown, Pa.—Two Colonial cottages; owner, Miss Wright; architect, Lindley Johnson, Philadelphia, Pa; builder, Wm. Stringer.

Country dwell.; owner, Robt. Maury; architect, Lindley Johnson, Philadelphia, Pa.

New York, N. Y.—*West End Ave.*, n w cor. Eighty-sixth St., 10 four-st'y brick and stone dwells.; cost, abt. $250,000; owner, W. E. D. Stokes; architect, Joseph H. Taft.

West End Ave., n w cor. Eighty-seventh St., five brick and stone dwells.; cost, $125,000; owners, Barnes, Jenckes & Stokes; architect, J. H. Taft.

Eighty-eighth St., s e cor. West End Ave., five brick and stone dwells.; cost, $125,000; owners, Squier & Whipple; architect, J. H. Taft.

Seventy-fourth St., n s, near Eighth Ave., two dwells.; owners, W. J. Ehrich and Richard Cunningham; architect, Jno. H. Duncan.

Philadelphia, Pa.—*Saybrook Ave.*, e s, s Forty-ninth St., two-st'y brick dwell.; owner, Oliver Smith, 1028 Spruce St.; builder, J. W. Staples, 4803 Woodland Ave.

Lydia St., s s, e Twenty-fifth St., two-st'y pointed stone dwell.; owner, Pringle Borthwick, Springfield Ave., Chestnut Hill, Pa.

Dauphin St., s w s, s York St., 4 three-st'y brick dwells.; owner, Charles Martin, 1844 Park Ave.

Phil St., e s, s Dauphin St., 9 two-st'y brick dwells.; owner, Charles Martin, 1844 Park Ave.

Chester Ave., s s, bet. Forty-fifth and Forty-sixth Sts., 6 three-st'y brick dwells.; owner, Henry T. Supleo, 1315 South Forty-ninth St.

Ackley St., w s, s Thompson St., 14 two-st'y brick dwells.; owner, Robert Manley, 5011 Master St.

Belgrade St., w s, n Clearfield St., 8 two-st'y brick dwells.; owners, Hothersall & Graff, 2657 Kensington Ave.

Miller St., e s, n Clearfield St., 9 two-st'y brick dwells.; owners, Hothersall & Graff, 2657 Kensington Ave.

Clementine St., n s, w Frankford Ave., 5 two-st'y brick dwells.; owner, George R. Montieth, 3056 Lawrence St.

Fifty-second St., s e cor. Lancaster Ave., two-st'y stone dwell.; owner, Thomas H. Burrows, 5127 Kershaw Ave.

Reed St., s s, bet. Nineteenth and Twentieth Sts., 3 two-st'y brick dwells.; builder, Charles L. Grubb, 623 South Nineteenth St.

Twentieth St., n e Moore St., brick dwell. and store; contractor, Wm. Smith, 1319 Moore St.

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Morris St., w s, s School St., 4 three-st'y brick and stone dwells.; owner, Charles M. Johnson, Locust Ave., Germantown, Pa.

North Fifteenth St., No. 2243, three-st'y brick dwell.; owner, Andrew M. Conneen, 1256 North Tenth St.

Carlisle St., w s, n Westmoreland St., two-st'y brick dwell.; owner, N. Hallowell, Eighth St. and Rising Sun La.

Kennedy St., n s, w Tacony St., 6 two-st'y and three-st'y dwells.; owner, David Trumbhauer, 924 Arizona St.

Dean St., e s, bet. York and Dauphin Sts., 26 six-roomed brick dwells.; owner, Andrew Miller, 1322 Tasker St.

Otsego St., e s, 22 dwells.; Fillmore St., w s, bet. Somerset St. and Gunners Run, 18 dwells.; owner and builder, T. W. Smalty, 1345 Hutchinson St.

Lingo St., w s, n Tasker St., 9 two-st'y brick dwells.; owner, John Simpson, 1719 Christian St.

Kingsessing Ave., bet. Forty-fifth and Forty-sixth Sts., 5 three-st'y brick dwells.; owner, W. P. Shields, 3908 Baltimore Ave.

Forty-third St., bet. Woodland and Kingsessing Aves., 7 three-st'y brick dwells.; owner, W. P. Shields, 3908 Baltimore Ave.

Ann St., bet. Almond and Thompson Sts., 9 two-st'y brick dwells.; owner, W. P. Shields, 3908 Baltimore Ave.

North Twenty-seventh St., No. 1532, three-st'y brick dwell.; owner, Charles D. Hill, 1511 North Twenty-seventh St.

Kensington Ave., e s, and Ruth St., w s, bet. Orleans and Clearfield Sts., 100 two-st'y brick dwells.; owner, Terence Fitzpatrick, office 3176 Richmond St.

North Fifth St., No. 1416, three-st'y brick dwell.; owner, George Kessler, 1332 Marshall St.

Ellwood Ave., e s, two-and-one-half-st'y frame cottage; owner, R. J. Kirby, 425 Walnut St.

BUILDING INTELLIGENCE.

Cayuga St., n s, e Seventeenth St., 2 two-st'y brick dwells.; owner, James Mole, 1707 Dounton St.

Newcome St., e s, e Eighteenth St., 2 two-st'y four-room brick dwells. with bath; owner, James Mole, 1707 Dounton St.

Sixteenth St., n Dauphin St., 11 three-st'y brick dwells.; owner, Christian Schafer, 2111 North Sixth St.

Atlantic St., e s, Ward 28, n Dauphin St., six brick dwells.; owner, Christian Schafer, 2111 North Sixteenth St.

Aspen St., e s, bet. Forty-third and Forty-fourth Sts., 6 two-st'y dwells.; owner, Benjamin Hooven, 4206 Lancaster Ave.

Fifteenth St., w s, s York St., 6 two-st'y brick dwells.; owner, John M. Sharp, 1936 South College Ave.

Fifteenth St., e s, s York St., two-st'y brick dwell.; owner, John M. Sharp, 1936 South College Ave.

Eighteenth St., w s, bet. Dauphin St. and Susquehanna Ave., 68 two-st'y brick dwells.; owner, John M. Sharp, 1936 South College Ave.

Poplar St., s s, bet. Twenty-seventh and Pennock Sts., 10 two-st'y brick dwells.; owner, John M. Sharp, 1936 South College Ave.

Twenty-seventh St., w s, s Poplar St., 16 two-st'y dwells.; owner, John M. Sharp, 1936 South College Ave.

Pennock St., e s, s Poplar St., 8 two-st'y dwells.; owner, John M. Sharp, 1936 South College Ave.

Tenth St., w s, bel. Tasker St., brick dwell.; owner, Owen Morris, 1604 South Tenth St.

Chatham St., e s, s Alleghany Ave., two-st'y brick dwell.; owner, Ferdinand Oberholzer; builder, 134 Edgemont St.

Burns St., Nos. 825-827, e s, 2 three-st'y dwells.; owner, J. H. Jordan, Twenty-third and Jefferson Sts.

Warner St., s s, e Cresson St., 2 two-st'y brick

BUILDING INTELLIGENCE.

dwells.; owner, John Hare, Howard St., e Cresson St.

Richmond St., w s, s Buckius St., two-st'y frame dwell.; owner, Robert Schahl, 4618 Salmon St., Bridesburg.

Baring St., w Thirty-ninth St., three-st'y brick dwell.; owner, Matthew Kennedy, 626 South Nineteenth St.

Spruce St., n s, cor. Thirty-ninth St., three-st'y dwell.; contractor, James Johnston, 1616 Exeter St.

Seventh St., e s, n Norris St., 3 three-st'y brick dwells.; owner, Mary E. Broomall, 2711 North Seventh St.

Tioga St., s w cor. Twenty-first St., 2 three-st'y brick dwells.; owners, Vandusen & Painter, 1908 Tioga St.

Broad St., w s, n Tasker St., three-st'y stone dwell.; owner, John Cook, 1725 Latona St.

Seminole Ave., cor. Southampton Ave., three-st'y stone dwell.; owner, William E. Mackin, Chestnut Ave., Chestnut Hill.

Sixtieth St., s e cor. Lansdowne Ave., two brick dwells. and three-st'y brick dwell.; owner, John Diggle, Sixtieth St. and Lansdowne Ave.

Fifth St., w s, ab. Pike St., 2 two-st'y brick dwells.; owner, George Kessler, 1332 Marshall St.

Galloway St., n s, bet. Twenty-sixth and Twenty-seventh Sts., 14 two-st'y brick dwells.; owner, Edward Shoemaker, 1736 North Twenty-second St.

Forty-second St. and Westminster Ave., 6 two-st'y brick dwells.; owner, Hugh Chain, Jr., 4047 Aspen St.

Holly St., n Aspen St., 5 two-st'y brick dwells.; owner, Hugh Chain, Jr., 4047 Aspen St.

Twenty-sixth St., w s, ab. Montgomery Ave., 16 three-st'y dwells.; owner, John Stafford, 1509 Susquehanna Ave.

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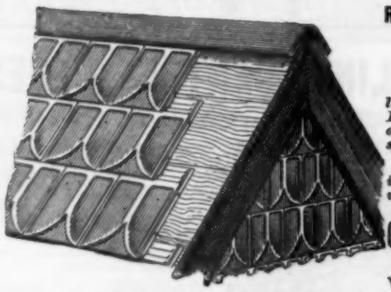

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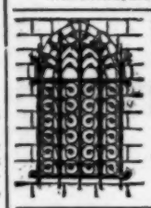

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teenth Sts., 20 dwells.; owner, John Stafford, 1509 Susquehanna Ave.

Chew St., cor. Bayard St., 2 three-st'y brick dwells.; owner, William J. Gouhler, 46 Herman St., Germantown.

Forty-fourth St. and Fairmount Ave., 15 three and two st'y dwells.; owner, H. G. Vesey, 2000 North Twelfth St.

Fairhill St., e s, n Pike St., 2 two-st'y brick dwells.; owner, Joseph Heaton, 3656 Marshall St.

Thirteenth St., bel. McKean St., 4 two-st'y brick dwells.; owner, Michael H. Brennan, 1039 South Ninth St.

Medary St., e Stenton Ave., two-st'y stone dwell.; owner, Samuel Schubert, Stenton Ave., Germantown.

St. Louis, Mo.—Two-st'y brick dwell.; cost, $2,600; owner, H. Kaester; builders, Wm. Gahl & Co.

Two-st'y brick dwell.; cost, $3,000; owners, Compton Hill Imp. Co.; architect, Theo. C. Link; builder, E. L. Wagner.

Four adjacent three-st'y brick dwells.; cost, $12,000; owner, Abner Cooper.

Two-st'y and mansard brick dwell.; cost, $3,500; owner, M. J. Seisle; contractor, H. C. Brinkmeyer.

Two-st'y brick dwell.; cost, $3,000; owner, F. E. Hayward; contractor, G. E. Neff.

Two-st'y and mansard brick dwell.; cost, $5,920; owner, L. Greene; contractor, P. Riechers.

Two-st'y and mansard brick dwell.; cost, $6,973; owner, E. S. Haueschein; contractor, C. Wehking.

Two-st'y brick dwell.; cost, $2,500; owner, W. T. Smith; contractor, T. F. Marley.

Two-st'y brick dwell.; cost, $3,000; owner and contractor, E. M. Bowman.

Three-st'y brick dwell.; cost, $6,700; owner, E. Staehr; contractor, A. Wagner.

Two-st'y frame dwell.; cost, $5,000; owner, E. C. Chase; contractor, J. W. Hewins.

Two-st'y brick dwell.; cost, $2,700; owner and contractor, H. Thomson.

Two-st'y and mansard brick dwell.; cost, $4,000; owner, J. R. Williams; contractor, J. R. Loyd.

Two-st'y brick dwell.; cost, $13,000; owner, A. F. Kelley; architects, J. B. Legg Architectural Co.; sub-let.

Two adjacent two-st'y brick dwells.; cost, $4,000; owner, J. G. Neigel; contractor, F. W. Loffhagen.

Two-st'y brick dwell.; cost, $2,800; owner, H. C. Henner; contractor, A. H. Haeseler.

Two-st'y brick dwell.; cost, $2,500; owner, P. Schattgen; contractor, W. H. Rocklage.

Two-st'y and mansard brick dwell.; cost, $5,000; owner, Chas. Spraul; architect, H. Lemm; contractors, Paulus & Wiedemueller.

Two-st'y brick dwell.; cost, $4,500; owner, A. P. Jones; contractor, B. M. Proetz.

Two-st'y brick dwell.; cost, $5,000; owner, M. J. Hanneck; contractor, F. S. Greene.

Two-st'y brick dwell.; cost, $4,000; owner, E. H. Bell; contractor, A. Bauer.

Villanova, Pa.—Stone country dwell. and stable; hot-water indirect; cost, $3,600; owner, James Long, Esq.; architect, Lindley Johnson, Philadelphia, Pa.

Winchester, Mass.—*Prospect St.*, frame dwell., 33' x 54'; owner, Lewis N. Maxwell; architect, Samuel J. Brown, Boston; builder, J. M. L. Enman.

Wynnewood, Pa.—Country dwell., adjoining Henry C. Gibson's property; heated by hot-water, indirect circulation; cost, $16,000; owner, Mrs. James Boubright; architect, Lindley Johnson, Philadelphia, Pa.; contractor, Henry Frorer.

OFFICE-BUILDINGS.

New York, N. Y.—*Cocuties Slip, No.* 4, five-st'y office-building, metal roof; cost, $7,000; owner, Frederick Mahnken, 162 Rogers Ave., Brooklyn; architect, John B. Snook, 12 Chambers St.

PUBLIC BUILDINGS.

Chicago, Ill.—United States eight-st'y appraiser's warehouse, Sherman St.; cost, $218,000; architect, W. A. Freret.

Detroit, Mich.—New Police Court, cor. Clinton and Raynor Sts.; cost, $60,000; architects, Hess & Raseman; contractors, Topping & Fisher.

SCHOOL-HOUSES.

Detroit, Mich.—Kindergarten school and day-nursery, building on Franklin St.; cost, $8,000; owners, Mrs. C. Preston and others; architect, W. G. Malcomson.

STABLES.

New York, N. Y.—*East Fifty-sixth St., Nos.* 4-6, two-st'y brick stable, tin roof; cost, $5,500; owner, Helen Langdon, 719 Fifth Ave.; architects, Hamilton & Messereau, 39 Broadway.

Philadelphia, Pa.—*Spring Garden St., No.* 2309, one-st'y brick stable; owner, John O. Sheatz.

Penn St., w s, bel. South St., brick stable; owner, Wm. A. Brown 1831 North Eleventh St.

Frankford Ave., No. 1850, two-st'y brick stable; owner, J. L. Grauel, 1850 Frankford Ave.

STORES.

Boston, Mass.—*Tremont St., No.* 447, cor. Appleton St., Nos. 2-8, Ward 16, one-st'y brick store, flat roof, 56' x 73' 10"; owner, S. R. Baker; builder, J. Hewley.

Washington St., No. 512, *and Suffolk Pl.*, Ward 10, five-st'y brick store, flat roof, 45' x 120'; owner, A. Carney estate; builders, McNiel Bros.

Detroit, Mich.—Henry A. Apel, brick store, 488 Grand River Ave.; cost, $2,300.

New York, N. Y.—*Barclay St., No.* 25, five-st'y brick and stone store; owners, Geo. W. Welch estate; architect, Jas. E. Ware.

Philadelphia, Pa.—*Clearfield St.*, s s, w Frankford Ave., store; owner, M. L. Heist, 816 West Lehigh Ave.

Twenty-sixth St., w s, ab. Montgomery Ave., store; owner, John Stafford, 1509 Susquehanna Ave.

Susquehanna Ave., s s, bet. Sixteenth and Seventeenth Sts., six stores; owner, John Stafford, 1509 Susquehanna Ave.

Forty-fourth St. and Fairmount Ave., two-st'y store; owner, H. G. Vesey, 2000 North Twelfth St.

Palmer St., s e cor. Richmond St., three-st'y brick store and dwell.; owner, John T. Lynch, 924 Palmer St.

Passyunk Ave., No. 917, e s, three-st'y brick store and dwell.; builders, Duross & Welch, 758 South Broad St.

Frankford Ave., e s, bel. Ann St., 12 three-st'y brick stores and dwells.; owners, C. C. Moore & Co., 2201 North Broad St.

TENEMENT-HOUSES.

Brooklyn, N. Y.—*Ewen St.*, w s, 25' n Conselyea St., three-st'y frame (brick-filled) tenement, tin roof; cost, $4,500; owner, H. Whemhoefer, on premises; architects, D. Acker & Son.

Marion St., n s, 325' e Saratoga Ave., 5 three-st'y brick tenements, tin roofs; cost, each, $3,500; owner and builder, D. W. Briggs, 1244 Herkimer St.; architect, H. Vollweiler.

Maujer St., No. 27, n s, 175' e Union Ave., four-st'y frame (brick-filled) tenement, tin roof; cost, $6,200; owner and builder, F. V. Kraft, 723 Van Buren St.; architect, Th. Engelhardt.

Metropolitan Ave., n s, 127' e Olive St., 4 three-st'y frame (brick-filled) tenements; cost, each, $4,200; owner, A. Schaffer, on premises; architect, H. Vollweiler; builder not selected.

Rogers Ave., w s, 70' n Prospect Pl., three-st'y brick tenement, tin roof; cost, $4,000; owner, M. Healey, 7 Putnam Ave.; builder, W. McClenahan.

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BUILDING INTELLIGENCE.

Willoughby Ave., n s, 100′ w Nostrand Ave., 2 three-st'y frame tenements, tin roofs; cost, each, $3,200; owner, John H. Hoff, 190 Nostrand Ave.; architect, P. Shannon.

Evergreen Ave., s cor. Cornelia St., 9 three-st'y frame tenements (store in one), tin roofs; cost, $36,000; owner and builder, John Menahan; architect, Th. Engelhardt.

Lee Ave., e s, 43′ s Wallabout St., 4 four-st'y frame (brick-filled) tenements, tin roofs; cost, each, $5,500; owner, Jacob Bossert, on premises; architect, J. Platte; builder, J. Auer.

Bainbridge St., s s, 100′ w Lewis Ave., four-st'y brick tenement, tin roof; cost, $18,000; owner, Kate Acor, 197 Bainbridge St.; architect, J. S. Stevens; builder, Louis Acor.

Bleecker St., n s, 125′ w Central Ave., 2 three-st'y frame tenements, tin roofs; cost, each, $3,500; owner and builder, J. Fletcher; architect, John Taylor, 99 Union Ave.

Ivy St., n s, 188′ e Broadway, 5 three-st'y frame (brick-filled) tenements, tin roofs; cost, each, $4,300; owners, J. W. Trim and J. Mitchell, 83 Morton St.; architect, R. T. Short; builder, C. Kerr.

Howard Ave., w s, 20′ n Hancock St., 8 three-st'y brick tenements, gravel roofs; cost, each, $5,500; owner, Thomas H. Robbins, Keyport, N. J.; architect, A. Hill.

Hopkins St., n s, 100′ w Marcy Ave., three-st'y frame (brick-filled) tenement, tin roof; cost, $3,500; owner, George Covert, Willoughby Ave., cor. Lewis Ave.; architects, Schrempf & Loeffler; builder, H. Loeffler, Sr.

New York, N. Y.—*Ninth Ave.*, w s, 50′ 7″ n Ninety-sixth St., five-st'y brick tenement, tin roof; cost, $14,000; owner, Wm. W. Hall, 687 Madison St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

One Hundred and Fifty-first St., s s, 600′ e Courtland St., four-st'y brick tenement, tin roof; cost, $12,000; owner, William H. Borman, 567 Courtland Ave.; architect, Theo. E. Thomson, 247 West One Hundred and Twenty-fifth St.

WAREHOUSES.

Chicago, Ill.—P. S. Moffatt, two-st'y warehouse, Western Ave.; cost $14,000; architect, C. A. Weary.

New York, N. Y.—*Lafayette Pl., Nos.* 50-52, six-st'y fireproof warehouse; cost, $95,000; owners, New York Life Insurance & Trust Co.; architects, D. & J. Jardine.

Bleecker St., Nos. 98-100, *Greene St., No.* 170, *and Mercer St., No.* 197, six-st'y granite, freestone and iron warehouse, with wings; cost, $250,000; owner, Theodore Cohnfield; architect, A. Zucker.

West Twenty-third St., Nos. 133-135-137, six-st'y brick, stone and terra-cotta warehouse; cost, $100,000; owner, A. B. Darling; architects, D. & J. Jardine.

MISCELLANEOUS.

Boston, Mass.—*Bedford St.*, building for the New England Shoe and Leather Association, 50′ x 150′, of materials not yet determined; to contain Exchange Hall, offices, quarters for Boston Shoe and Leather Club, and stores, etc.; architects, Hartwell & Richardson.

Main St., No. 296, *rear*, Ward 5, three-st'y frame mechanical building, flat roof, 30′ x 44′; owner, J. O. Spofford Trustees; builder, G. M. Starbird.

Detroit, Mich.—Grace Hospital Trustees, building for contagious diseases; cost, $5,000; architect, G. W. Lloyd.

BUILDING INTELLIGENCE.

Mrs. Ellen Hammond, five-st'y business block, cor. Farmer and Wilcox Sts.

Mrs. Ellen Hammond, ten-st'y business and office block, opp. City-Hall; cost, $300,000.

New York, N. Y.—*Willis Ave.*, e s, 24′ 8″ s Third Ave., three-st'y brick building, used as meeting rooms, tin roof; cost, $7,400; owner, Massimino, 1609 Washington Ave.; architect, Andrew Squire, 229A Third Ave.

Madison Ave., s e cor. Forty-fifth St., six-st'y brick club-house, tin roof; cost, $275,000; owners, Manhattan Athletic Club, 524 Fifth Ave.; architect, P. J. Lauritzen, 120 Broadway.

The Riverside Club will build a four-st'y club-house; architect, Ralph S. Townsend.

Boulevard, near One Hundred and Fourth St., club-house.

East Fourth St., No. 62, five-st'y brick restaurant and public meeting-room, tin roof; cost, $35,000; owner, Victor Eckstein, 64 East Fourth St.; architect, Max Schroth, 23 Union Sq.

Sixty-second and Sixty-third Sts., 325′ w Avenue A, circular gas-holder tank; cost, $150,000; owners, Consolidated Gas Co., 4 Irving Pl.; architect, W. H. Bradley, 4 Irving Pl.

Philadelphia, Pa.—*Broad St.*, s w Brighton St., the Art Club are having additional buildings put up; builders, George F. Payne & Co., 401 South Juniper St.

K St., s e cor. Venango St., two-st'y brick blacksmith shop; owner, Jacob Keck, 3844 K St.

Irvin St., n e s, bet. Howell and Washington Sts., two-st'y brick ice-house; owner, Amos W. Linn, 4767 Garden St., Bridesburg.

PROPOSALS.

LUMBER AND ACID.
[At Washington, D. C.]
WASHINGTON, D. C., March 22, 1889.

Sealed proposals endorsed "Proposals for Lumber" or "Acid," will be received at the Bureau of Provisions and Clothing, Navy Department, Washington, D. C., **until 11 o'clock** A. M., **April 13, 1889,** and publicly opened immediately thereafter, to furnish and deliver at Brooklyn Navy Yard, 35,000 feet of W. P. lumber; at the Norfolk Navy Yard, 150 carboys muriatic acid.

The articles must conform to the prescribed standard and pass the usual naval inspection.

Tie bids decided by lot.

Blank proposals containing specifications, etc., can be obtained on application to the Bureau, or to the general storekeeper at the Navy Yard where the articles are to be delivered.

The Department reserves the right to reject any proposal not deemed advantageous to the Government.

JAMES FULTON,
694 Paymaster-General, U. S. Navy.

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OFFICE OF BUILDING FOR LIBRARY OF CONGRESS, 145 EAST CAPITOL STREET,
WASHINGTON, D. C., March 18, 1889.

Separate sealed proposals will be received at this office **until 2** P. M., **on Thursday, the 4th day of April, 1889,** and opened immediately thereafter in presence of bidders, for furnishing and delivering at the site of the Building for Library of Congress, in this city. 1. 5,000 barrels natural hydraulic cement. 2. 2,000,000 best red and hard-burned bricks. 3. 3,000 cubic yards river sand. 4. 5,500 cubic yards, more or less of broken stone. 5. 37,000 feet of lumber. 6. Supplies of miscellaneous hardware.

Specifications, general instructions and conditions and blank forms of proposal may be obtained on application to this office.

BERNARD R. GREEN,
692 Superintendent and Engineer.

WATER-PIPE, ETC.
[At Washington, D. C.]
OFFICE OF WASHINGTON AQUEDUCT,
WASHINGTON, D. C., March 20, 1889.

Sealed proposals, in duplicate, will be received at this office **until noon Wednesday, April 10, 1889,** for furnishing and delivering in the city of Washington 22,700 lineal feet, more or less, of 48-inch cast-iron water-pipe and such special castings as may be required for increasing the water-supply of the city.

Forms and specifications can be obtained at this office.

The United States reserves the right to reject any and all proposals.

The attention of bidders is invited to the Acts of Congress approved February 26, 1885, and February 23, 1887, Vol. 23, page 332, and Vol. 24, page 414, Statutes at Large.

JOHN M. WILSON,
693 Colonel, U. S. A.

LAYING WATER-PIPE.
[At New London, Conn.]
OFFICE BOARD WATER COMMISSIONERS,
NEW LONDON, CONN., March 8, 1889.

Sealed proposals, indorsed as above, will be received at this office **until 11 o'clock** A. M., **April 17, 1889,** for carting and laying about five miles of 20-inch pipe and connections.

Plans may be seen and specifications obtained at the Engineer of the Water Department.

B. A. ARMSTRONG,
E. T. BROWN,
P. C. DUNFORD,
GEORGE WILLIAMS,
Board of Water Commissioners.
W. H. RICHARDS, Engineer.
694

BREAKWATER.
[At Mouth of Housatonic River, Conn.]
ENGINEER OFFICE U. S. ARMY, ROOM 57, ARMY BUILDING, COR. HOUSTON AND GREENE STS.
NEW YORK, N. Y., March 22, 1889.

Sealed proposals, in triplicate, for construction of a breakwater at the mouth of the Housatonic River, Conn., will be received at this office **until twelve (12) o'clock, noon, on Monday, April 22, 1889.**

The attention of bidders is invited to the Acts of Congress approved February 26, 1885, and February 23, 1887, Vol. 23, page 332, and Vol. 24, page 414, Statutes at Large.

Further information can be obtained at this office.

D. C. HOUSTON,
694 Lieut.-Colonel of Engineers.

PROPOSALS FOR CEMENT. Office of Building for Library of Congress, 145 East Capitol Street, Washington, D. C., March 18, 1889. Sealed proposals for furnishing and delivering 5,000 barrels of natural hydraulic cement at the site of the Building for the Library of Congress, in this city, will be received until 2 P. M., on Thursday, the fourth day of April, 1889, and opened immediately thereafter in presence of bidders. Specifications, general instructions and conditions, and blank forms of proposal, may be obtained on application at this office. BERNARD R. GREEN, Superintendent and Engineer. 692

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The Palmer Pat. Sanitary Sewer-Trap or Safety-Valve.

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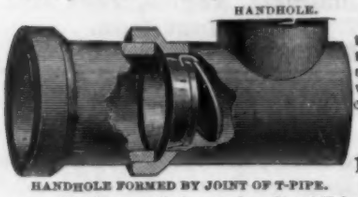

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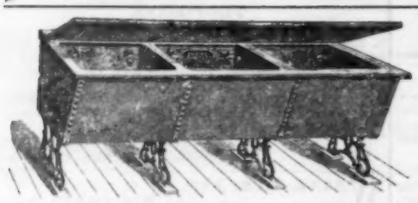

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PROPOSALS.

March 21, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 6th day of April, 1889, for the labor and materials required in the erection and completion of the vault door and steel-lining required for the vault in fourth-story of the Old Custom-House Building, at St. Louis, Mo., in accordance with the specification and drawings, copies of which may be had at this office and the office of the Superintendent. Each bid must be accompanied by a certified check for $100. WILL. A. FRERET, Supervising Architect. 692

March 23, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 13th day of April, 1889, for the labor and materials required in the removal and reconstruction of the roof, alteration of and addition to the fourth-story of the United States Custom-House, at New Orleans, La., in accordance with the specification and drawings, copies of which may be seen at the office of the Superintendent; the Builders' and Traders' Exchange, Chicago, Ill., and Louisville, Ky.; the Engineers' Society of Western Pennsylvania, at Pittsburgh, Pa., and the Mechanics' Exchange, at St. Louis, Mo., but parties must visit the building to properly prepare their estimates. Each bid must be accompanied by a certified check for $500. WILL. A. FRERET, Supervising Architect. 692

PROPOSALS.

EXCAVATION.

[At Washington, D. C.]

Office of Building for Library of Congress, 145 East Capital Street, Washington, D. C., March 20, 1889.

Sealed proposals for excavating foundation trenches and removing the material, for the Building for the Library of Congress, in this city, will be received at this office **until 2 o'clock P. M., on Wednesday, the 10th day of April, 1889** and opened immediately thereafter in presence of bidders.

Specifications, general instructions and conditions and blank forms of proposal may be obtained on application at this office.

BERNARD R. GREEN,
693 Superintendent and Engineer.

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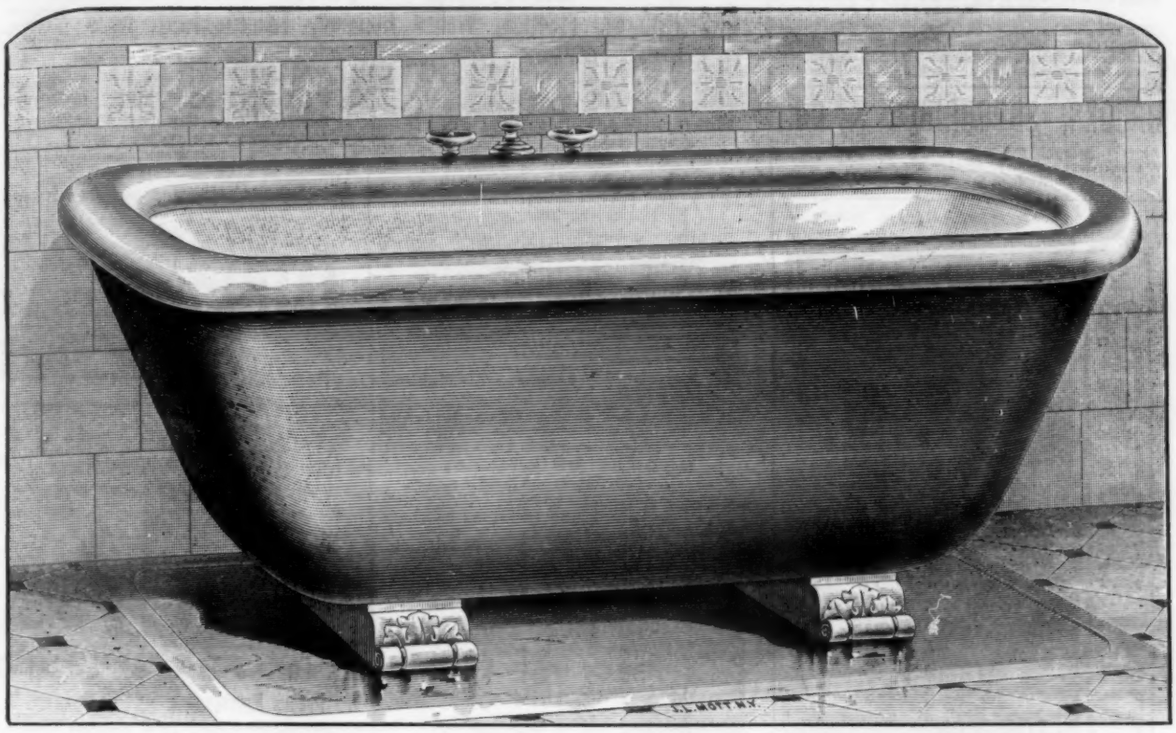

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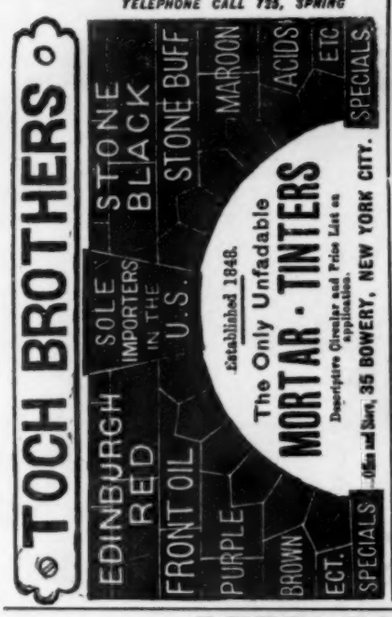

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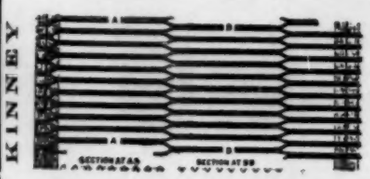

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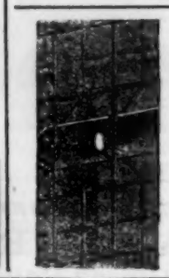

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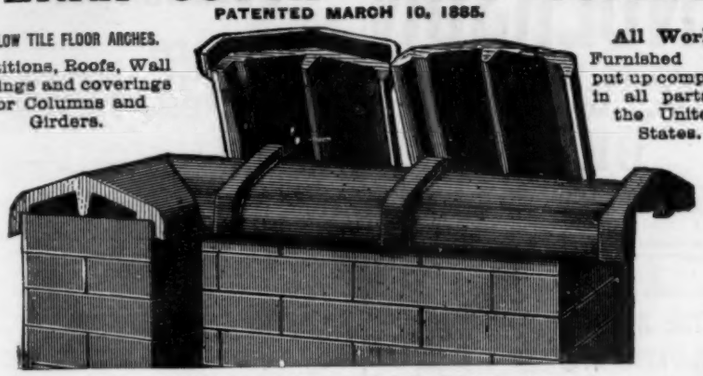

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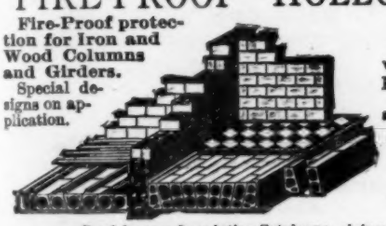

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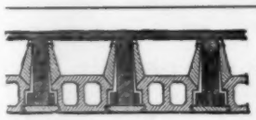

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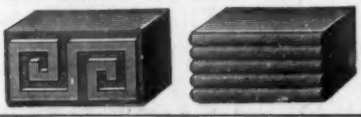

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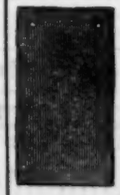

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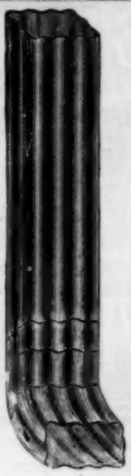

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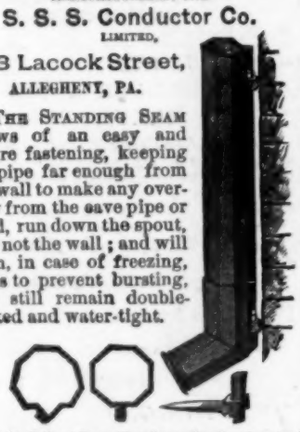

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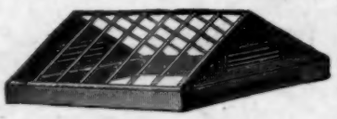

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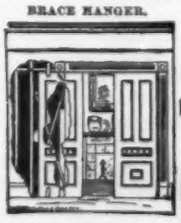

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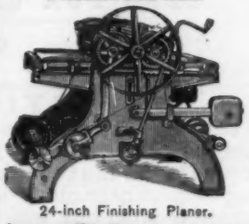
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Sole Proprietors and Manufacturers of
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DOUBLE TWIST WARP.
STIFFENED (Iron furred).
STANLEY CORRUGAT'D
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Plain, Japanned or Galvanized.
The Most Perfect and Economic System of FIREPROOF Construction.
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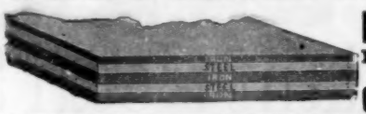
We desire to notify purchasers of Steam-Pumps that numerous cheap imitations of Worthington Pumps are being manufactured. It is usually represented that they are made by us or from our patterns, and being apparently close copies, they readily deceive those who are not familiar with our machines. By this method some of them have been introduced and as their construction is invariably of inferior quality the unsuspecting buyer is imposed upon and suffers correspondingly.
We therefore call special attention to the existence of these imitations and to the fact that our machinery is conspicuously marked with our trade name, the use of which by any other manufacturer is unauthorized and illegal.
HENRY R. WORTHINGTON.

Welded Chrome Steel and Iron. (5 ply).



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BUILDING MATERIALS.

Reported for the American Architect and Building News.

BRICK.—₱ M.	New York. (Wholesale Prices.)	Boston. (Prices to Builders and Contractors.)	Chicago.	Philadelphia.
Common: *Cargo afloat.*				
Pale	$3 50 @ $4 00	Eastern	Building Brick	Sq. Hard @ 20
Jersey	6 50 @ 7 00	8 50 @ 9 00	6 50 @ 7 00	" @ 12 00
Long Island	8 00 @ 8 50	Bay State Hard		Salmon @ 7 00
Up River	7 50 @ 8 00	9 50		Sq. " @ 9 00
Haverstraw Bay 2nd	@ 8 00	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st	8 25 @ 8 50	9 50 @ 10 00	16 00 @ 22 00	@ 12 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Medium "
Fronts		20 00 @ 22 00	@ 27 00	@ 14 00
Croton, Brown	14 00 @ 15 00	Philadelphia		Red "
" dark	15 00 @ 16 00	40 00 @ 45 00		@ 15 00
" red	15 00 @ 16 00	Phila. mould		Dark "
Chicago pressed (Anderson)		50 00 @ 80 00	18 00 @ 27 00	@ 15 00
Chicago Moulded			65 00 @ 350 00	Pressed
Baltimore	37 00 @ 41 00	Anderson	@ 55 00	22 00 @ 25 00
Philadelphia	27 00 @ 28 00	14 00 @ 32 00	45 00 @ 50 00	Best Paving
Trenton	@ 27 00		45 00 @	@ 16 00
Milwaukee			25 00 @	Second "
Moulded:			60 00 @ 100 00	@ 14 00
Red	25 00 @ 27 00		30 @	Third "
	30 00 @ 35 00		35 @	@ 13 00
White Glens Falls Mold	45 00 @ 60 00		55 00 @ 65 00	
Enamelled: *Imp.*				
Enamelled (edge.)	85 00 @ 100 00		@ 100 00	Dom. @ 65
Enamelled (edge and end)	90 00 @ 115 00		@ 120 00	@ 85
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	1 60 @ 1 10	@ 1 40	*Not Sold.*	1 30 @ 1 50
Louisville "			1 05 @ 1 30	B & S.E. 275 @ 300
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	*Not sold.*	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	@ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 35 @ 2 50	@ 2 85	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	@ 2 85	3 00 @ 3 25	2 85 @ 3 15
" " (Burham)	2 50 @ 2 80	@ 2 85	2 90 @ 3 15	2 50 @ 2 75
" " (White's)	2 65 @ 3 00	@ 2 85	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 35 @ 2 85	3 00 @ 3 50	3 00 @ 3 25	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	2 80 @ 3 15	2 50 @ 2 75
" " (Vorwohler)	2 50 @ 2 90		2 80 @ 3 15	Josson
" " (Lagerdofer)		*Not sold.*	2 75 @ 3 00	2 50 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	2 85 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not Sold.*	2 75 @ 3 00
" " Stettin, (Anchor)	2 35 @ 2 85		*Not Sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 80 @ 2 75
Roman	2 75 @ 3 00	@ 3 20	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	7 00 @ 7 50	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	11 00 @ 12 00	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime,
Hydraulic Lime	@ 1 45	@ 1 35	55 @	25 @ 30 ₱ bush
Chicago Lime in bulk		St. John 1 00	60 @	₱ White Mass
Wisconsin "			*Not sold.*	1 25 @ 150
Rockland and Rockport, (Com.)	@ 1 00	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 1 20	@ 1 10	1 00 bulk, 75c.	
Kelley Island Lime, finish	@ 1 20	@ 1 20	*Not sold.*	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing "	@ 1 10	*Not sold.*	1 85 @ 1 90	*Not sold*
Plaster of Paris (calcined.)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 25 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	20 @ 25	1 75 @ 2 50
Hair (Cattle) ₱ bush	18 @ 21	25 @ 30	30 @ 55	22 @ 30
" (Goat)	25 @ 28	@ 30	@ 60	30 @ 35
Sand, ₱ *load*	1 00 @ 1 25	1 75 @ 1 90		@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		55 @ 65
Limestone:	45 @ 1 25			
Bedford	@ 1 00	95 @ 1 00	50 @	75 @ 90
Joliet			35 @ 55	Richmond
Lemont			35 @ 60	75 @ 1 50
Serpentine			@ 1 00	4 50 ₱ Perch

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as the summer you have so much enjoyed?

The Novelty Furnace

will fill your house with the same warm pleasant balmy atmosphere that has made the past season delightful.

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The large heating-surface exposed by the peculiar arrangement, enables it to constantly afford a large volume of healthfully warmed fresh air which is perfect ventilation.

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EXTRAORDINARY ECONOMICAL QUALITIES.

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PIPE-COVERING.

This covering is made entirely of Asbestos, and can not be affected injuriously by heat or dampness, nor can it be made a harbor for vermin.

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	New York. (*Wholesale Prices.*)	Boston. (*Prices to Builders and Contractors.*)	Chicago.	Philadelphia.
Foundation:				
Dimension	@	5 00 ℔ ton	20 @	@ 5 00
Block	@	4 50 ℔ perch		Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 20
Planed	50 @ 6 00	75	50 @ 1 00	45 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		95 @ 1 16
Kibbe	@ 90	90 @ 1 10		1 05 @ 1 35
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	55 @ 1 00
Berea } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 40
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 00 @ 1 10
Caen	@	@ 2 00	"	1 25 @ 1 50
Carlisle, English	@ 1 05	80 @ 90		95 @ 1 10
Corse Hill (Scotch)	1 05			
Marble (℔ *cu. ft.*)				
Lee, Mass.	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and Blue	@	3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined	@	50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna	@	3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red	@	1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville	@	85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@		*Not sold.*	2 00 @ 3 00
Vermont, white	@	1 50 @ 2 00	2 50 @ 6 00	2 25 @ 3 00
Slate; Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 15	2 30 @ 3 00
" unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	‡3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 8 85	3 25 @ 4 00
" " Chapmans	— @ —	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 00 @ 7 50	7 00 @ 9 50	@ 5 38
Tiles, Am. ℔ M			*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil,* ℔ *lb.*)				
White lead, Am.	7 @ 7½	7 @ 7½	6½ @ 7½	7 @ 7½
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	6 @ 6½
Red lead, Am.	6½ @ 7	7 @ 7½	6½ @ 7½	6½ @ 6½
" Venetian	5 @ 10½	7 @ 12	1½ @ 2½	dry Eng. 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. 60
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	@ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	@ 16
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" @ 24
Black, lamp	15 @ 25	15 @ 25	8 @ 30	@ 15
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw)	56 @ 58	58 @ 60	56 @ 57	@ 56
" " boiled	59 @ 61	61 @ 63	59 @ 60	@ 59
Turpentine	53 @ 54	49 @ 52	50½ @ 54½	@ 50
Varnish, coach	@	1 50 @ 5 00	1 25 @ 2 00	1 25 @ 3 50
Shellac	@	2 50 @ 3 00	2 25 @ 4 00	2 25 @ 3 00
Putty	3 @ 4	2 @ 4	62 @ 62½	1½ @ 2½
Whiting } dry	75 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.) } dry	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Litharge, Am	5½ @ 6	5½ @ 6½	6½ @ 7½	6 @ 6½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	@ 14
Umber, "	14 @ 20	14 @ 20	2 @ 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) **Spikes,** (*wrought.*)	@ 2 85		2 15 @	pr kg @ 2 10
10d. common	@ 2 60	@ 2 15	@ 2 25	@ 2 30
Shingle	@ 3 35	@ 2 65	@ 2 75	@ 3 40
Lath	@ 4 85	@ 3 65	@ 3 65	4 50 @ 5 50
Finishing nails according to size.)			Add .85 to $1.15	per lb 11 @ 14
(*For casing nails add 75c. per keg.*)			" .50 to .90	Add pr cask
Butts: 4"x 4" (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 16
Japanned	@ 1 50	@ 1 75	*Not sold.*	1 75 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 75 @ 2 00
Ball Tip, Boston Finish (℔ pair.)	@ 65	@ 50	*Not sold.*	48 @ 80
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 45
Brass (for cupboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony				@ 35
Apple wood				37 @ 1 00
Knobs: (℔ *Set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Homacite	*Not sold*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 4 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 %	22 @ 35
Sheet Lead		@ 6½		
Lead Pipe		@ 6		
Iron:				
I-Beams, up to and including 30 ft.	3 3-10 @ 3½	2 8-10 @ 3	@ 4	@ 2 8-10
I-Beams, over 30 ft. ½, ¼, ½ c. advance.				@ 2 8-10
Channel-Beams	3 3-10 @ 3½	2 8-10 @ 3	@ 4	@ 2 8-10

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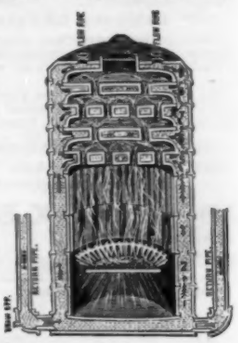

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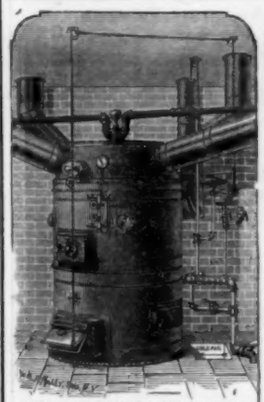

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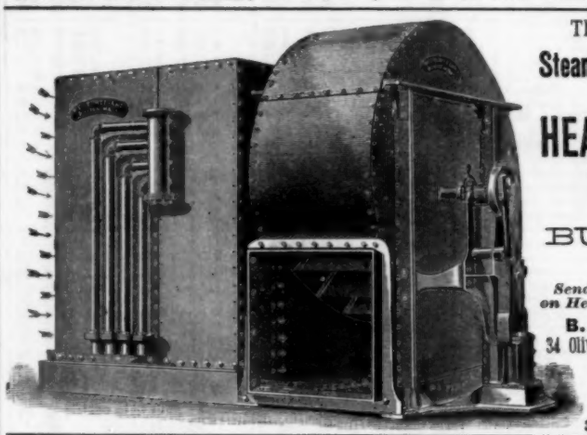

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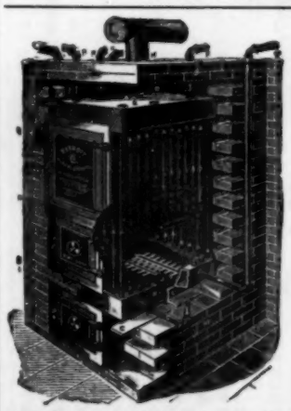

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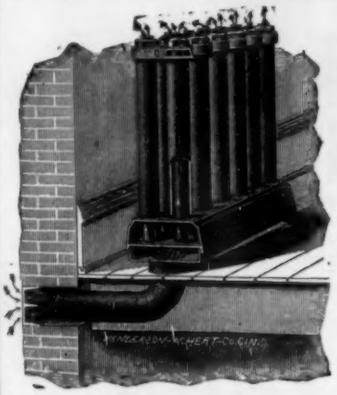

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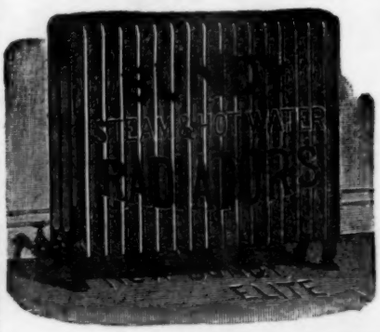

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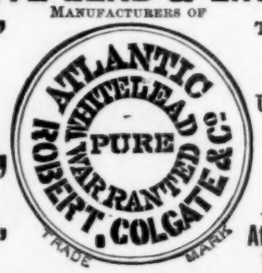

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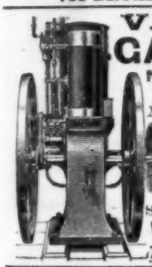

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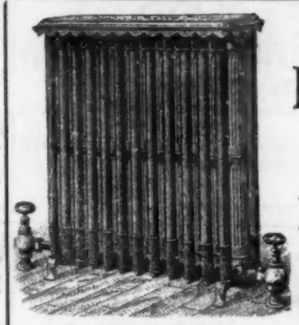

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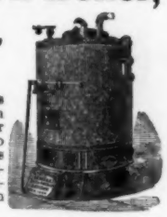

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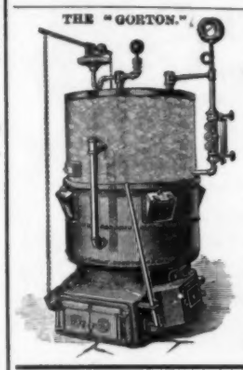

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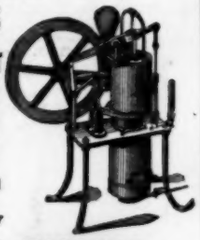

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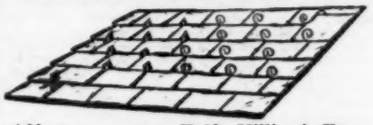

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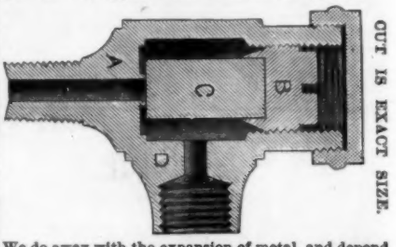

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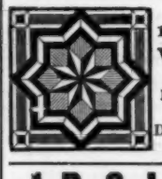

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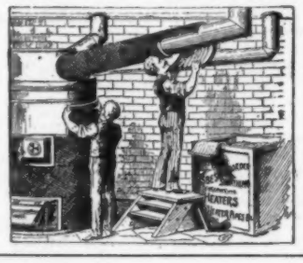

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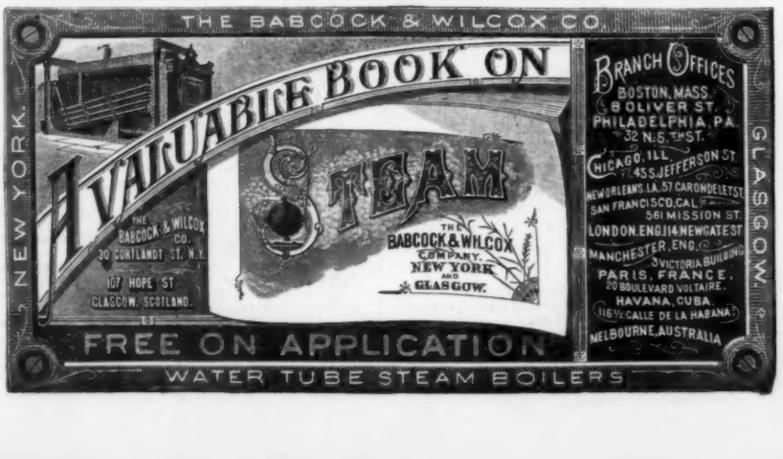
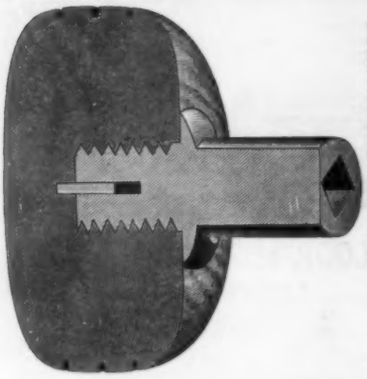


Patent Wood Door Knobs



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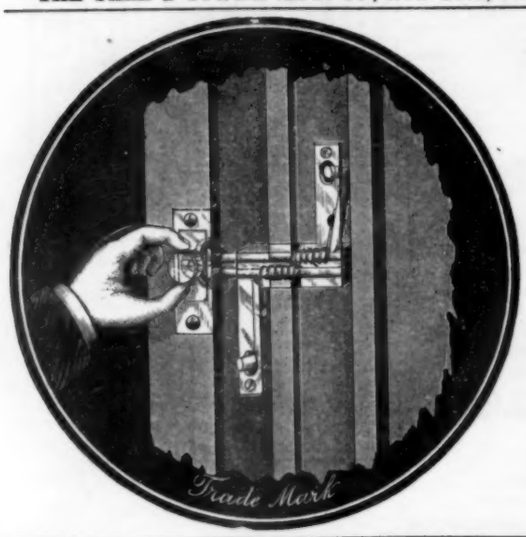

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Boston, Mass.—*Washington St., No.* 525-527, Ward 10, raise walls and put on new roof to brick store; owner, J. S. Stone; builders, Miller Bros.

Boylston Sq., Nos. 3-4, Ward 10, additions and alterations of brick dwell.; owner, Mary Kramer; builder, D. A. Gray.

Wigglesworth St., No. 18, Ward 22, addition to brick dwell.; owner, Mrs. C. Cotter; builder, B. J. Connolly.

Middlesex St., Nos. 79-81, Ward 16, rebuild fronts of brick dwells.; owner, Mrs. S. G. Bancroft; builders, O. H. Union & Co.

New York, N. Y.—*Fifty-ninth St.*, cor. s e Madison Ave., Cyclorama Building, extensive alterations; cost, abt. $60,000; architects, Wm. Shickel & Co.

Philadelphia, Pa.—*Ridge Ave., No.* 2424, new brick front to store; builder, D. W. Bleyler, 1328 Olive St.

Germantown Ave., n e cor. Mt. Airey Ave., stone and brick front and rear to building; owner, Burd P. Evans, Knox St., bel. Manheim St., Germantown, Pa.

Ninth St., w s, bet. Jefferson and Oxford Sts., three-st'y addition to warehouse; owner, James R. Garber, 52 North Thirteenth St.

Eighth and Pine Sts., one-st'y brick addition to the Pennsylvania Hospital; builders, Kister & Orem, 129 South Seventh St.

Tenth St., n e cor. Filbert St., brick story on a tank-house; builders, Kister & Orem, 129 South Seventh St.

Toledo, O.—Addition to public school-building; cost, abt. $10,000; plans prepared by H. Conrad, Superintendent of Buildings.

APARTMENT-HOUSES.

Boston, Mass.—*Emerald St., Nos.* 22-26, 3 four-st'y brick apartments, flat roofs, 17' 6" x 35'; owner and builder, J. H. T. Adams.

Chicago, Ill.—D. W. Le Bau, owner and architect, two-st'y flats, Van Buren St.; cost, $2,700.

C. Rens, two-st'y flats, West Seventeenth St.; cost, $3,800; architect, L. Morey.

C. Komming, two-st'y flats, Hermitage Ave.; cost, $2,500; architect, P. F. Werges.

L. Lutz, four-st'y flats, Town St.; cost, $8,000; architect, A. F. Boos.

H. T. Stillman, two-st'y flats, North Wood St.; cost, $3,000; architect, G. Bietner.

C. J. Benisch, two-st'y flats, Coulter St.; cost, $3,200; architect, J. V. Benisch.

J. Sullivan, three-st'y flats, Sigel St.; cost, $6,000; architect, W. H. Drake.

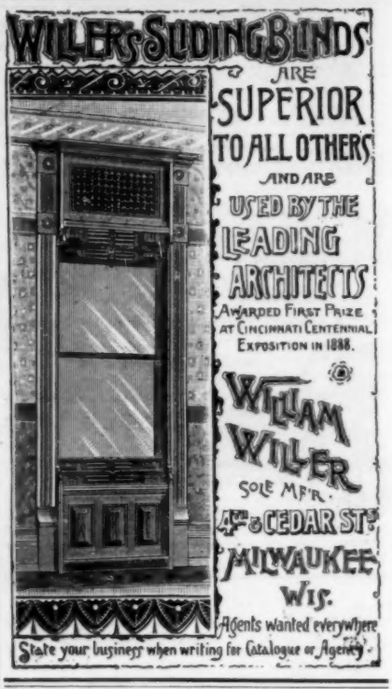
A. A. Keylgreen, three-st'y flats, Temple St.; cost, $6,000; architects, Lutken & Thisslen.

J. Fleming, 2 four-st'y flats, North Green St.; cost, $8,000; architects, same as last.

J. Kummeski, two-st'y flats, Holt St.; cost, $3,500; architect, C. Arnaknocht.

W. Jerusalem, three-st'y flats, Rees St.; cost, $3,000; architect, A. Warner.

G. O'Donnell, three-st'y flats, Noble St.; cost, $4,000; architect, H. Parks.



BUILDING INTELLIGENCE.

R. Reynerston, three-st'y flats, Diller St.; cost, $2,700; architects, A. Nelson & Son.

D. Meyer, two-st'y flats, West Taylor St.; cost, $3,200; architect, H. Hildenger.

O. Hansen, three-st'y flats, West Ohio St.; cost, $6,000; architect, W. Ohlhaber.

R. C. Scherling, two-st'y flats, Seymour St.; cost, $2,500; architect, B. Peken.

T. O'Connor, two-st'y flats, West Taylor St.; cost, $5,500; architect, T. Ruberg.

C. Schmock, two-st'y flats, Hinman St.; cost, $3,400; architect, W. Walk.

J. M. Johnson, two-st'y flats, Page St.; cost, $3,000; architects, M. Dougherty & Son.

J. Page, two-st'y flats, Hastings St.; cost, $3,500; architect, J. Tyle.

J. Stamm, two-st'y flats, Lisle St.; cost, $3,000; architect, F. Rogers.

J. Eckhardt, two-st'y flats, Dashiel St.; cost, $5,000; architect, J. F. Warner.

F. Headeke, three-st'y flats, West Nineteenth St.; cost, $2,800; architect, J. Krivanek.

J. Horan, two-st'y flats, Goethe St.; cost, $3,800; architects, Donnellan & Thomas.

C. Demler, three-st'y flats, North Halsted St.; cost, $6,000; architect, J. H. Schnoor.

R. Grosser, 2 two-st'y flats, Western Ave.; cost, $6,000; architect, C. Otto.

Mrs. C. Grezinski, three-st'y flats, Superior St.; cost, $5,000; architect, T. Lewandowski.

Mrs. A. H. Clark, four-st'y flats, Wells St.; cost, $11,000; architects, Ostling Bros.

T. J. Burns, two-st'y flats, Congress St.; cost, $3,000; architects, Hayes & Parks.

C. J. Schilling, two-st'y flats, Rumsey St.; cost, $3,500; architects, H. Hesse.

F. Kinson, two-st'y flats, Deering St.; cost, $3,000; architect, F. Hein.

New York, N. Y.—*Eighth Ave.*, w s, 50' n of Thirty-fourth St., five-st'y Nova Scotia stone, light brick and terra-cotta apartment; owner, R. S. Clark estate; architect, W. B. Tubby.

Fourteenth St., s s, 150' w Ave. C, 9 five-st'y stone front flats; cost, $300,000; owner, P. H. McManus; architects, A. B. Ogden & Son

Stanton St., Nos. 202-204, five-st'y brick flats, tin roof; cost, $45,000; owner, Patrick Gallagher, 225 East Eighteenth St.; architects, Herter Bros., 191 Broadway.

Montgomery St., w s, 25' s Monroe St., 2 five-st'y brick flats, tin roofs; cost, $42,000; owners, Miller & Goerlitz, 125 East Forty-seventh St.; architects, Schneider & Herter, 48 Bible House.

West Montgomery St., 75' s Monroe St., five-st'y brick flats, tin roof; cost, $19,000; owners, Miller & Goerlitz, 125 East Forty-seventh St.; architects, Schneider & Herter, 48 Bible House.

Montgomery St., s w cor. Monroe St., five-st'y brick flat, tin roof; cost, $25,000; owners, Miller & Goerlitz, 125 East Forty-seventh St.; architects, Schneider & Herter, 48 Bible House.

Eighty-third St., s s, 100' w Eighth Ave., five-st'y brick flat, tin roof; cost, $18,000; owner, David Ritchie, 328 West Forty-eighth St.; architect, G. A. Schellinger, 128 Broadway.

Ninth Ave., w s, 50' 8½" s Eighty-eighth St., 2 five-st'y brick flats, tin roofs; cost, $44,000; owner, James McNice, 208 East Ninety-sixth St.; architect, I. H. Valentine, 58 Liberty St.

One Hundred and Forty-ninth St., s s, 140' w Brook Ave., four-st'y brick flat, tin roof; cost, $6,500; owner, Margarete O'Brien, s s One Hundred and Forty-ninth St., w Brook Ave.; architect, I. F. Meyer, 528 Willis Ave.

Ninety-seventh St., s e cor. Tenth Ave., five-st'y brick flat, tin roof; cost, $25,000; owner, Geo. E. Beaudet, 100 West Ninety-seventh St.; architect, Richard R. Davis, 247 West One Hundred and Twenty-fifth St.

East Eighty-second St., Nos. 162-164, 2 five-st'y brick flats, tin roofs; cost, $20,000; owner, Patrick McMorrow, 413 East Eighty-third St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Henry St., No. 91, five-st'y brick flat, tin roof; cost, $20,000; owner, H. M. Greenberg, 120 Division St.; architects, Rentz & Lange, 153 Fourth Ave.

Eldridge St., No. 208, five-st'y brick flat, tin roof;

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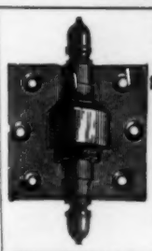

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BUILDING INTELLIGENCE.

cost, $20,000; owners, Fay & Stacom, 337 Pleasant Ave.; architects, Rentz & Lange, 153 Fourth Ave.

Broome St., five-st'y brick flats, tin roof; cost, $20,000; owners, Fay & Stacom, 337 Pleasant Ave.; architects, Rentz & Lange, 153 Fourth Ave.

St. Louis, Mo.—Two-st'y brick flats; cost, $5,000; owner, H. B. Pogue; architects, L. & W. Bulkley; contractor, J. Coaltas.

Four adjacent two-st'y brick flats; cost, $12,000; owner, J. J. Bizant; sub-let.

Three adjacent two-st'y brick flats; cost, $7,000; owner, J. J. Bizant; sub-let.

Seven adjacent two-st'y and mansard brick flats; cost, $28,000; owner, F. Harris; architects, Kirchner & Kirchner; contractor, B. Stocke.

Two-st'y and mansard brick flats; cost, $10,000; owner, Thos. J. Prosser; architect, J. B. Legg; contractor, D. Prosser.

Two-st'y brick flats; cost, $7,400; owner, John Slattery; contractor, W. Voelpel.

Two-st'y brick flats; cost, $4,900; owner, M. C. Maxon; architects, J. B. McElfatrick & Son; contractors, C. Gerhardt & Son.

CHURCHES.

Birmingham, Ala.—The Catholics will build a church; cost, abt. $50,000.

Detroit, Mich.—Kolasinski's Independent Catholic Church, Fremont and Russell Sts., church; cost, $100,000; architects, Spier & Rohns.

Philadelphia, Pa.—*Memphis St.*, n e cor. Vienna St., one-st'y brownstone church; contractor, Edward Delaney, 913 South Twentieth St.

FACTORIES.

Detroit, Mich.—Henry Carew, three-st'y brick manufactory, 1222 Jefferson Ave.; cost, $4,800.

Mason & Rice, four-st'y brick manufactory, 121-123 East Woodbridge St.; cost, $12,000.

Sievers & Erdman, carriage factory, Jefferson Ave. and Beaubien St.; cost, $45,000.

St. Louis, Mo.—Two-st'y brick factory; cost, $2,500; owner, Jno. E. Liggett; architect and contractor, H. E. Roache.

HOTELS.

Americus, Ga.—The building of a hotel is contemplated; cost, abt. $25,000.

HOUSES.

Baltimore, Md.—John Barnnikel, 6 two-st'y brick buildings, e s Madeira Alley, rear n e cor. Fremont St.

Mary M. Keller, three-st'y brick building, s s Franklin St., bet. Pearl and Pine Sts.

Oscar Herman, three-st'y brick building, n s Vine St., bet. Pine and Fremont Sts.

Chas. Greasley, 3 three-st'y brick buildings, w s Bouldin Alley, s Robert St.

Nimrod Crook, 2 two-st'y brick buildings, w s Bouldin Alley, s Robert St.

Jas. Gilmore, three-st'y brick building, n e cor. Caroline and Aliceanna Sts.

Luther M. Frush, 3 two-st'y brick buildings, n e cor. Calhoun and Presstman Sts.; and 4 two-st'y brick buildings, e s Calhoun St., n Presstman St.

Nicholas Hucke, three-st'y brick building, s w cor. Lombard and Scott Sts.; and two-st'y brick stable in the rear.

Wm. J. Armiger, 10 two-st'y brick buildings, w s Hunter Alley, bet. First and Second Sts.; and 7 two-st'y brick buildings, w s Hunter Alley, bet. Third and Fourth Sts.

BUILDING INTELLIGENCE.

Boston, Mass.—*Newbern St.*, near opp. J. A. Andrew St., Ward 23, 4 three-st'y frame dwells., hip roofs, 22′ x 44′; owner, A. H. Eayrs; builder, G. A. Cahill.

Washington St., near South St., Ward 23, frame dwell., 25′ x 28′; owner and builder, P. Devine.

Saratoga St., No. 714, Ward 1, three-st'y frame dwell., flat roof, 23′ x 44′; owner, Mark Googins; builder, J. McLaren.

Bennington St., No. 96, Ward 1, three-st'y frame dwell., flat roof, 21′ 6″ x 44′; owner, Mrs. A. L. Gilbert; builder, G. B. Brooks.

Saratoga St., No. 710, cor. Moore St., Ward 1, three-st'y frame dwell. and store, 23′ x 44′; owner, Mark Googins; builder, J. McLaren.

Beacon St., No. 475, four-st'y brick and stone dwell., flat roof, 25′ x 60′; owner and builder, Hugh H. Coffin; architect, O. F. Smith, Boston.

Sherwood St., off Norfolk Ave., No. 176, Ward 20, frame dwell., 20′ x 26′; owners, Talbot & Fenno; builder, C. A. Folsom.

East Broadway, No. 587, Ward 14, three-st'y frame dwell. and store, flat roof, 25′ x 67′ 6″; owner, J. A. Collins.

East Broadway, No. 591, Ward 14, three-st'y frame dwell. and store, flat roof, 25′ x 67′ 6″; owner, W. H. Devine; builder, J. V. Devine.

Brooks St., No. 62, three-st'y frame dwell., flat roof, 22′ x 40′; owner, J. G. Barry; builder, T. H. Newby.

Argyle Ave., near Dorchester Ave., Ward 24, three-st'y frame dwell., pitch roof, 26′ 6″ x 39′ 6″; owner, Miss M. R. Mason; builders, Sulis & Wallis.

Glen Rd., opp. Sigourney St., near Forest Hills St., Ward 23, three-st'y frame dwell., 30′ x 44′; owner and builder, G. W. Coffin.

Norfolk St., cor. Lauriat Ave., Ward 24, three-st'y dwell. and store, hip roof, 25′ x 40′; owner, R. H. Humphreys; builder, H. P. Oakman.

Medford St., No. 370, Ward 3, three-st'y frame dwell., flat roof, 21′ 8″ x 50′; owner, R. Armstrong; builder, J. McLean.

Bourne St., near Spruce St., Ward 23, three-st'y frame dwell., pitch roof, 26′ x 36′; owner and builder, A. Jackson.

Brookline, Mass.—*Harvard St.*, cor. Vernon St., one-st'y brick dwell., 34′ x 43′, with L 18′ x 20′; owner, H. E. Abbott; builder, A. G. Brewer; architect, O. F. Smith, Boston.

Harvard St., cor. Auburn St., brick and frame dwell., 40′ x 46′, with L 19′ 6″ x 31′ 6″; owner, H. W. Burgett; contract to be let; architect, O. F. Smith, Boston.

Sullivan Rd., cor. Gardner Rd., frame dwell., 32′ x 46′, with L 18′ x 20′; owner, Renen Thomas; builder, H. H. Hunt, West Newton; architect, O. F. Smith, Boston.

Brooklyn, N. Y.—*Vanderbilt Ave.*, w s, 150′ n Lafayette Ave., 4 three-st'y brick dwells., tin roofs; total cost, $18,000; owners and architects, Morris Building Co., 215 Ryerson St.

Hancock St., s s, 323′ e Patchen Ave., 7 two-st'y brick dwells., tin roofs; cost, each, $4,000; owners, Horatio S. Stewart and B. Levino, 6 Fourth Ave.

Elton St., e s, 275′ n Arlington Ave., two-st'y frame (brick-filled) dwell., tin roof; cost, $3,000; owner, Robert Miller, Elton St.; builder, W. Max.

Thirteenth St., No. 301, n s, 600′ w Sixth Ave., 2 two-st'y brick dwells., tin roofs; cost, $6,500; owner, Joseph Sealey, 303 Thirteenth St.

First St., n s, 347′ 10″ w Eighth Ave., 4 two-and-a-half-st'y brownstone dwells., tin roofs; total cost, $20,000; owner, Frederick J. Griswold, 497 First St.

Hoyt St., s w cor. Second St., 3 two-st'y brownstone dwells., tin roofs; cost, each, $2,800; owner, Benj. Hunter, 58 Second St.; architect, A. E. White; builder not selected.

Madison St., n s, 150′ w Stuyvesant Ave., 9 two-st'y brownstone dwells., tin roofs; cost, each, $4,000; owner, Chas. Isbill, Madison St., near Sumner Ave.; architects, D. Acker & Son.

South Second St., s s, 100′ e Bedford Ave., four-st'y brick dwell., tin roof; cost, $10,000; owner, A. D. Partridge, Englewood, N. J.; architect, E. F. Gaylor; masons, M. Smith and S. L. Hough.

Hancock St., n s, 28·4′ w Throop Ave., 4 two-and-a-half-st'y brownstone dwells., tin roofs; cost, each, $5,000; owner, architect and builder, David Weild, 359 Hancock St.

Bushwick Ave., n w cor. Pilling St., two-st'y frame (brick-filled) dwell., gravel roof; cost, $3,000; owner, Jos. Hopkins, Jr., Moffatt St. and Central Ave.

Herkimer St., s s, 20′ w Ocean Pl., 3 two-st'y brick dwell., gravel roofs; cost, each, $3,500; owner, Henry C. Baker, 1108 Fulton St.; architect, E. Nesler.

Chicago, Ill.—A. R. Fay, two-st'y dwell., South Park Ave.; cost, $5,000; architect, W. H. Drake.

W. O'Donnell, two-st'y dwell., Wabash Ave.; cost, $6,000; architect, W. W. Meyer.

T. N. Hoffmann, two-st'y dwell., Warren Ave.; cost, $2,500; architect, G. Grussing, Jr.

M. Hughitt, 2 three-st'y dwells., Indiana Ave.; cost, $12,000; architect, C. S. Frost.

J. L. Campbell, 6 two-st'y dwells., Campbell Ave.; cost, $22,000; architect, W. T. Lasher; 5 two-st'y dwells., Park Ave.; cost, $18,000; 4 two-st'y dwells., Park Ave.; cost, $15,000; architect, C. A. Weary.

J. S. Thomas, owner, architect and builder, 8 three-st'y dwells., Lake Ave.; cost, $64,000.

L. A. & S. Samuelson, two-st'y dwell., Barclay St.; cost, $2,500; architect, J. Strum.

J. Spechman, three-st'y dwell., Paulina St.; cost, $5,000; architect, S. Strand.

L. Schinsted, two-st'y dwell., Western Ave.; cost, $5,000; architect, W. Jackson.

W. Blair, two-st'y dwell., Prairie Ave.; cost, $5,500; architects, Wilson, Marble & Lawson.

Mrs. F. H. Glover, three-st'y dwell., Warren Ave.; cost, $4,500; architects, Edbrooke & Burnham.

Detroit, Mich.—J. R. Gentle, brick dwell., 124 Langley Ave.; cost, $3,200.

Leakle & Golden, frame dwell., 159 Lincoln Ave.; cost, $3,000.

Gideon Vivier, two-st'y brick double dwell., cor. Warren Ave. and Revard St.; cost, $6,000.

Brick dwell., 603 Trumbull Ave.; cost, $16,000.

Brick dwell., 111 Howard St.; cost, $7,000.

Interlacken, N. J.—Frame cottage, 35′ x 40′; owner, Dr. Francis M. Weld; contract to be let; architect, Frank W. Weston, Boston.

Jamaica Plain, Mass.—*Greenough Ave.*, frame dwell., 32′ x 42′; owner, Edward Sherwin; contract to be let; architect, Frank W. Weston, Boston.

Leipsic, O.—Press-brick dwell.; cost, abt. $4,500; owner, J. H. Edwards; architects, Bacon & Huber, Toledo, O.

Little Rock, Ark.—J. W. Blackwood, frame dwell.; cost, $2,500; contractor, Jas. P. Hughes; architect, F. J. H. Rickon.

Newton Centre, Mass.—Frame dwell., 35′ x 38′ 10″; owner, Milton A. Chandler; contract to be let; architect, Tristram Griffin, Boston.

Beacon St., frame dwell., 34′ x 40′, with L 18′ x 20′; owner, J. H. Lesh; contract to be let; architect, O. F. Smith, Boston.

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Ninety-fifth St., n s, 27′ 6″ w Lexington Ave., 8 three-st'y brick dwells., tin roofs; cost, $80,000; owner, Francis J. Schnugg, 9 East Eighty-fifth St.; architect, Frank Wennemer, 204 East Eighty-sixth St.

St. Nicholas Ave., s w cor. One Hundred and Forty-sixth St., 5 four-st'y brick dwells., tin roofs; cost, $115,000; owner, H. M. Reynolds, 5 East Tenth St.; architects, Thayer & Robinson, 67 Liberty St.

West Fifty-third St., No. 315, three-st'y brick dwell., tin roof; cost, $5,000; owner, W. Edgar Pruden, 861 Eighth Ave.; architect, Ralph S. Townsend, s e cor. Seventy-second St. and Ninth Ave.

Eighty-eighth St., n s, 100′ e Tenth Ave., 9 three-st'y brick dwells., tin roofs; cost, $108,000; owner, Wm. S. Niercer, 31 West Sixtieth St.; architect, Fred. G. Butcher, 6 Wall St.

Sixty-ninth St., s s, 100′ w Second Ave., 5 three-st'y brick dwells., tin roofs; cost, $45,000; owners, E. H. & W. C. Schemerhorn, 61 University Pl.; architect, Allen Tucker, 65 West Forty-fifth St.

Eighty-sixth St., n s, 352′ e Tenth Ave., 5 four-st'y brick dwells.; cost, $150,000; owner and architect, John G. Prague, 1512 Broadway.

Eighty-sixth St., n s, 360′ e Tenth Ave., 4 four-st'y brick dwells., tin roofs; cost, $104,000; owner, D. Willis James, 11 Cliff St.; architect, John G. Prague, 1512 Bowery.

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Philadelphia, Pa.— *North Broad St. Nos.* 1608-1610, 2 four-st'y brick and stone dwells., and three-st'y brick dwell.; owner, James Strong, Twentieth St. and Glenwood Ave.

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McKean St., n s, bet. Thirteenth and Juniper Sts., 8 two-st'y brick dwells.; owner, William Morrow, 1029 Snyder Ave.

Bermuda St., n w s, bet. Orthodox and Duncan Sts., 2 two-st'y dwells.; contractor, Thomas Walters, 4825 Melrose St., Frankford.

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Manayunk Ave., o s Hermit St., 3 two-st'y brick dwells.; owner, John T. Melloder, Adam Terrace, Manayunk.

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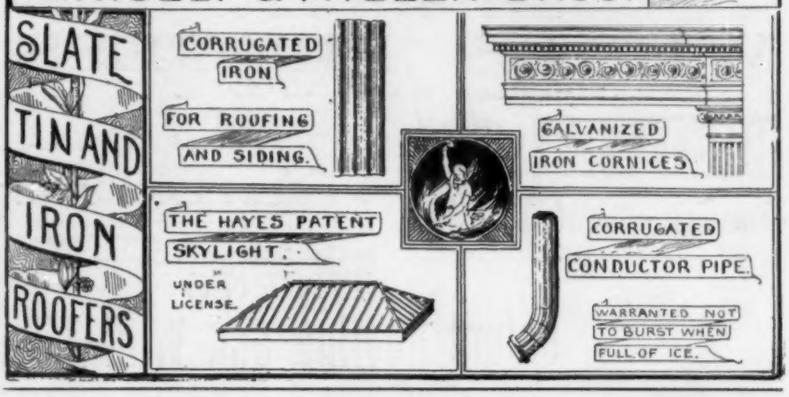

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Hicks St., e s, n Moore St., 13 dwells.; owner, D. L. Flanagan, 1509 Arch St.

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London St., n s, s Main St., three-st'y brick dwell.; owner, J. D. Caldwell, 205 Wister St.

Haverford Ave., s w, w Fifty-fourth St., 4 two-st'y brick dwells.; owner, John F. Deal, 5331 Haverford Ave.

Forty-fifth St., n e cor. Seneca St., three-st'y brick dwell.; owner, Gustave Nillson, 4039 Reno St.

Twenty-sixth St., n s, ab. Parrish St., 26 brick dwells.; owner, James H. Lyons, 1608 Wallace St.

French St., s s, bet. Twenty-ninth and Thirtieth Sts., 20 two-st'y brick dwells.; contractor, Frederick A. Danby, 30 Westmount St.

Somerset St., w s, Park Ave., 8 three-st'y brick dwells.; owner, A. M. Zane, Twenty-second and Venango Sts.

Markoe St., e s, n Brown St., 4 three-st'y and 8 two-st'y brick dwells.; owner, N. Shoemaker, 1931 Park Ave.

Lehigh Ave., s w cor. Belgrade St., 2 two-st'y brick dwells.; contractor, 1428 North Eighteenth St.

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Hegeman St., s e s, n Vankirk St., three-st'y frame dwell.; owner, Casper N. Hartman, 3304 Amber St.

Clinton St., w s, n Tabor St., three-st'y frame dwell.; owner, Lemuel Altemus, Olney St.

Clinton St., w s, s Olney St., frame dwell.; owner, Lemuel Altemus, Olney St.

Somerville, Mass.—*Cedar Ave.*, frame dwell., 21′ x 28′; owner and builder, Israel P. Rice.

BUILDING INTELLIGENCE.

Gibbins St., frame dwell., 22′ x 28′; owner, E. B. Morgan; builders, S. & C. H. Williams.

Ivaloo St., two frame dwells., 20′ x 27′ with L's 10′ x 15′; owner and builder, William M. Mallany.

Spring St., cor. Pitnam St., three frame dwells., each 22′ x 28′; owners, R. O. Peck & J. W. Brown; builder, J. W. Brown.

Newbury St., No. 19, frame dwell., 22′ x 28′, with L 15′ x 15′; owner and builder, Clarence Hunter.

Landers St., lot 3, frame dwell., 22′ x 28′, with L 20′ x 18′; owners, Savary & Burr; builder, Wm. B. Savary.

Vernon St., frame dwell., 28′ x 29′; owner and builder, Dempster L. Murray.

Berkeley St., frame dwell., 28′ x 29′ 0″; owner, Ernest G. Lane; builder, Jesse S. Rich.

Albion St., near Centre St., frame dwell., 24′ x 30′; owner, Arthur W. Berry.

Richdale Ave., foot of Thurston St., frame dwell., 23′ x 30′; owner, Annie L. Fletcher; builder, Wm. B. Fletcher.

Wheatland St., frame dwell., 20′ x 27′; owner and builder, Adelbert Rice.

Montgomery Ave., near Broadway, frame dwell., 22′ x 30′; owner, Mrs. Morrison; builder, Milton A. Robinson.

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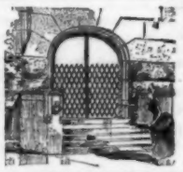

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Collingwood Ave., two-st'y brick dwell.; cost, abt. $12,000; owner, J. F. Zahm; architect, D. L. Stine.

Ashland Ave., frame dwell.; cost, abt. $10,000; owner, H. T. Yargan; architect, C. F. Schweinfurth, Cleveland, O.

Woodruff Ave., brick dwell.; cost, abt. $17,000; owner, Mrs. A. W. Colton; architects, Bacon & Huber; builder, Wm. Peter.

Monroe St., frame dwell.; cost, abt. $4,000; owner, M. A. Scott; architects, Bacon & Huber.

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Brooklyn, N. Y.—*Havemeyer St.*, w s, 73′ n North Fifth St., three-st'y brick, Bellville stone and terra-cotta convent, slate and tin roof; cost, abt. $25,000; owners, Sisters of St. Dominic, Graham Ave., cor. Montrose Ave.; architect, J. Berlenbach, Jr.; builder not selected.

STABLES.

Little Rock, Ark.—B. Thalheimer, brick stable; cost, $5,000; architect, F. J. H. Rickon.

Philadelphia, Pa.—*Wood and Church Sts.* two-st'y brick stable; owner, C. W. Klauder, Manayunk.

St. Louis, Mo.—Two-st'y brick stable; cost, $3,000; owner, Leo Moser; contractors, Kohlmeyer & Son.

STORES.

Chicago, Ill.—C. Price, 2 two-st'y stores, Wabash Ave.; cost, $7,000; architect, F. B. Townsend.

C. W. Butterfield, one-st'y store, Twenty-second St.; cost, $5,000; architect, W. Marvot.

O. E. Kent, two-st'y store, Sherman St.; cost, $7,000; architect, O. Langbin.

New York, N. Y.—*Broadway*, n e cor. Bleecker St., eight-st'y brick store-building, cement roof; cost, $300,000; owner, Manhattan Saving Institution; architect, Stephen D. Hatch.

Twenty-eighth St., s s, 71′ w Fifth Ave., six-st'y brick store-building, tin roof; cost, $50,000; agent, Joseph Thompson, 256 West Fifty-second St.; architect, John E. Terhune, Park Ridge, N. J.

Lafayette Pl., Nos. 50-52, six-st'y brick store-building, tin roof; cost, $95,000; owners, M. & A. L. Langdon estate, 52 Wall St.; architect, D. & J. Jardine, 1262 Broadway.

Washington St., No. 362, five-st'y brick store-building, tin roof; cost, $12,000; owner, Henry C. Alger, *et als.*, 167 Front St.; architects, Thayer & Robinson, 67 Liberty St.

Greenwich St., s e cor. Hubert St., five-st'y brick store, tin roof; cost, $12,000; owner, Mrs. M. A. Shaw, 100 East Eighty-fifth St.; architect, W. B. Pope, 100 East Eighty-fifth St.

William St., No. 195, five-st'y brick store-building tin roof; cost, $18,000; owner, Wm. Zinsser & Co., 195 William St.

Philadelphia, Pa.—*Woodland Ave.*, s s, w Seventy-third St., two-st'y store and dwell.; contractor, Chas. Bonsall, Darby, Delaware County, Pa.

BUILDING INTELLIGENCE.

Harrison St., s e cor. Cherry St., three-st'y brick store and dwell.; builder, William Entwistle, 201 Oxford St.

Two-st'y brick store and dwell.; owner, Burd P. Evans, Knox St., bel. Manheim St., Germantown.

Montgomery Ave., n s, w Twenty-sixth St., 2 three-st'y brick stores and 4 three-st'y brick dwells.; owner, John Stafford, 1509 Susquehanna Ave.

Thirty-fifth St., s e cor. Haverford Ave., three-st'y brick store; owner, T. P. Twibell, 608 Chestnut St.

Haverford Ave., Nos. 3503-3505, 2 three-st'y brick stores and dwells.; owner, T. P. Twibell, 608 Chestnut St.

Germantown Ave., bet. Tioga and Venango Sts., 2 three-st'y brick stores and dwells.; builder, Benjamin Walker, 3953 Germantown Ave., Nicetown.

TENEMENT-HOUSES.

Brooklyn, N. Y.—*Kent St., No.* 174, s s, 125′ e Manhattan Ave., front, four-st'y frame (brick-filled) tenement, gravel roof; cost, $6,500; owner, Edward Fitzpatrick estate, on premises; architect, F. Weber; builders, Gately & Smith and J. W. & W. H. Port.

Havemeyer St., w s, 25′ n North Eighth St., 3 four-st'y frame tenements, tin roofs; cost, each, $5,000; owner, Mr. Holiday, on premises; architect, H. Vollweiler; builder not selected.

South Elliott Pl., w s, 117′ s De Kalb Ave., 2 five-st'y brick tenements, gravel roofs; cost, each, $10,000; owner and architect, Geo. R. Brown, 26 Court St.; builders, L. E. Brown and J. F. Kentana.

South Fourth St., No. 349, near Keap St., four-st'y brick tenement, tin roof; cost, $9,620; owner, Jacob Hoffmann, South Fourth St., near Keap St.; architect, F. Holmberg; builders, Doeneke Bros. and D. Kreuder.

Park Ave., s s, 25′ e Graham St., four-st'y brick tenement, tin roof; cost, $9,000; owner, Mrs. A. Weidig, 527 Greene Ave.; architect, C. F. Eisenach; builder not selected.

Ryerson St., e s, 265′ s Myrtle Ave., four-st'y brick tenement, tin roof; cost, $6,000; owner and architect, John Hearns, 121 Hall St.; builders, T. B. Rutan and J. Hearns.

Nassau Ave., n s, 75′ w Lorimer St., four-st'y frame tenement, gravel roof; cost, $6,800; owner, John Drake, Nassau Ave., cor. Manhattan Ave.; architect, F. Weber; builder not selected.

Ainslie St., s s, 100′ w Leonard St., three-st'y frame tenement, tin roof; cost, $5,000; owner, R. Beebe, Whitestone, L. I.; architect, H. Vollweiler; builder, Duffy.

Clay St., No. 52, front, three-st'y frame (brick-filled) tenement, gravel roof; cost, $4,800; owner, William Mangen, on premises; architect, J. C. Snackenberg; builders, J. H. Murphy and J. Rooney.

Belmont Ave., n e cor. Rockaway Ave., 2 three-st'y frame (brick-filled) tenements, tin roofs; cost, each, $3,000; owner, Thomas McGee, Rockaway Ave.; architect, A. J. Warren.

Flushing Ave., s s, 436′ e Delmonico Pl., four-st'y frame (brick-filled) tenement, tin roof; cost, $5,500; owner, Erhard Ingold, 686 Flushing Ave.; architects, Schrempf & Loeffler; builder and contractor, G. Ruhl; mason not selected.

Central Ave., w s, 50′ n Bleecker St., 2 three-st'y frame (brick-filled) tenements, tin roofs; total cost, $9,000; owners, S. Beer and M. Schaffner; architect, F. Holmberg.

Fairfax St., s s, 80′ w Bushwick Ave., three-st'y frame (brick-filled) tenement, gravel roofs; cost, $4,000; owner, Jos. Hopkins, Jr., Moffatt St. and Central Ave.

Philadelphia, Pa.—*Division St.*, s s, e Thirty-fifth St., 2 two-st'y brick tenements; owner, E. Bartle, Thirty-third St. and Lehigh Ave.

Thirty-fifth St., e s, Fairview Ave., 2 two-st'y brick tenements; owner, C. E. Bartle, Thirty-third St. and Lehigh Ave.

Thirty-third St., e s, n Bowman St.; two-st'y brick tenement; owner, C. E. Bartle, Thirty-third St. and Lehigh Ave.

WAREHOUSES.

Philadelphia, Pa.—*North Broad St., No.* 2559, rear, two-st'y brick warehouse; George Egolf, Jr., 2557 North Broad St.

MISCELLANEOUS.

Austin, Texas.—Board of Trade, three-st'y building; cost, abt. $25,000.

Brooklyn, N. Y.—*Wythe Ave.*, n w cor. Heyward St., two-st'y brick shop, tin roof; cost, $6,500; owner and builder, H. V. Schnitzpan, on premises; architect, G. H. Wundram.

Chattanooga, Tenn.—Work on building for *Daily Times* has commenced; cost, abt. $100,000.

Chicago, Ill.—Bennett Medical College, three-st'y college, Fulton St.; cost, $11,000; architects, Rogers & Cook.

P. Pohl, three-st'y building, Cooper St.; cost, $7,800; architect, T. W. Wolf.

New York, N. Y.—*Seventh Ave.*, Andrew Carnegie and others have incorporated a company to build a monster music-hall for oratorios, etc.; cost, $400,000; architect, W. B. Tuthill.

Fifty-eighth and Fifty-ninth Sts., 125′ w Sixth Ave., the German Club is to build a club-house; cost, abt. $200,000.

Philadelphia, Pa.—*Bridge St., No.* 2735, frame wash-house; owner, Ezekiel Smith, 2735 Bridge St.

Two-st'y brick sash-stock building; owner, John F. Sanders, 2140 North Eleventh St.

Chelten Ave., n w cor. Chew St., brick carriage-house; owner, Dr. C. F. W. Plass, on premises.

Twenty-first and Shamokin Sts., two-st'y stone and brick mill; owners, Columbus Tweed and Geo. Bourne, 121 Claymont St.

Haverford Ave., n s, ab. Thirty-fifth St., one-st'y brick building; builder, T. E. Hurley, 3336 Wallace St.

Emerald St., n Huntingdon St., one-st'y brick storehouse; builder, Charles Booth, 2052 Taylor St.

Somerville, Mass.—*Hawkins St., rear*, change building into carpet-cleaning factory, 25′ x 50′; owners, Washburn & Moen; builder, A. F. Chappell.

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PROPOSALS.

BREAKWATER.
[At Mouth of Housatonic River, Conn.]
ENGINEER OFFICE U. S. ARMY, ROOM 57, ARMY BUILDING, COR. HOUSTON AND GREENE STS.,
NEW YORK, N. Y., March 22, 1889.

Sealed proposals, in triplicate, for construction of a breakwater at the mouth of the Housatonic River, Conn., will be received at this office **until twelve (12) o'clock, noon, on Monday, April 22, 1889.**

The attention of bidders is invited to the Acts of Congress approved February 26, 1885, and February 23, 1887, Vol. 23, page 332, and Vol. 24, page 414, Statutes at Large.

Further information can be obtained at this office.

D. C. HOUSTON,
694 Lieut.-Colonel of Engineers.

Highland Park, Ill., March 30, 1889. Sealed proposals, in triplicate, will be received at this office until 10 o'clock A. M., Tuesday, April 30, 1889, and then opened for furnishing all material and labor, and erecting at Fort Sheridan, Ill., the following buildings, viz.: One barrack wing for six companies, one store-house, one guard-house, one quartermaster's stable, one double set of non-commissioned officers' quarters, two sets field officers' quarters, seven sets captains' quarters, fifteen sets lieutenants' quarters, one building for shops, one bakery and one coal-shed. Subject to an increase or decrease of twenty per cent in the number of lieutenants' quarters. The Government reserves the right to reject any or all bids, or parts thereof. Bidders are requested to state the time required to complete the work. All information furnished upon application to this office. Detailed plans and specifications can also be seen at the office of the undersigned in the Pullman Building, Chicago, Ill., and at the Depot Quartermaster's office, New York City. Envelopes containing proposals will be marked "Proposals for Buildings at Fort Sheridan, Ill.," and addressed to the undersigned. CROSBY P. MILLER,
A. Q. M., United States Army. 696

PROPOSALS FOR IRON BUOYS AND APPENDAGES, MOORING-CHAIN AND BELLS. Office of Light-House Inspector, Third District, Tompkinsville, N. Y., March 28, 1889 (Post-Office Box 2128, New York City). Proposals will be received at this office until 1 o'clock P. M. on Monday, the 15th day of April, 1889, for furnishing to the Light-House Establishment iron buoys and appendages, mooring-chain and bells. The articles to be furnished embrace nun, can, bell, whistling, gas and ice buoys, shackles, swivels, mooring-chain, ballast-balls, iron and stone sinkers, and bells for light-vessels, all of which are enumerated in the specifications attached to the form of bid, which may be obtained on application to this office. Contracts will be awarded on each item separately, and bidders are required to state the time when they will agree to deliver the articles. The right is reserved to reject any or all bids, to strike out any item or items in the specifications, and to waive any defects.
FREDERICK RODGERS, Commander, U. S. N.,
Light-House Inspector, Third District. 693

LUMBER AND ACID.
[At Washington, D. C.]
WASHINGTON, D. C., March 22, 1889.

Sealed proposals endorsed "Proposals for Lumber" or "Acid," will be received at the Bureau of Provisions and Clothing, Navy Department, Washington, D. C., **until 11 o'clock** A. M., **April 13, 1889,** and publicly opened immediately thereafter, to furnish and deliver at Brooklyn Navy Yard, 35,000 feet of W. P. lumber; at the Norfolk Navy Yard, 150 carboys muriatic acid.

The articles must conform to the prescribed standard and pass the usual naval inspection.

Tie bids decided by lot.

Blank proposals containing specifications, etc., can be obtained on application to the Bureau, or to the general storekeeper at the Navy Yard where the articles are to be delivered.

The Department reserves the right to reject any proposal not deemed advantageous to the Government.

JAMES FULTON,
694 Paymaster-General, U. S. Navy.

EXCAVATION.
[At Washington, D. C.]
OFFICE OF BUILDING FOR LIBRARY OF CONGRESS, 145 EAST CAPITAL STREET,
WASHINGTON, D. C., March 20, 1889.

Sealed proposals for excavating foundation trenches and removing the material, for the Building for the Library of Congress, in this city, will be received at this office **until 3 o'clock** P. M., **on Wednesday, the 10th day of April, 1889** and opened immediately thereafter in presence of bidders.

Specifications, general instructions and conditions and blank forms of proposal may be obtained on application at this office.

BERNARD R. GREEN,
693 Superintendent and Engineer.

WATER-PIPE, ETC.
[At Washington, D. C.]
OFFICE OF WASHINGTON AQUEDUCT,
WASHINGTON, D. C., March 20, 1889.

Sealed proposals, in duplicate, will be received at this office **until noon Wednesday, April 10, 1889,** for furnishing and delivering in the city of Washington 22,700 lineal feet, more or less, of 48-inch cast-iron water-pipe and such special castings as may be required for increasing the water-supply of the city.

Forms and specifications can be obtained at this office.

The United States reserves the right to reject any and all proposals.

The attention of bidders is invited to the Acts of Congress approved February 26, 1885, and February 23, 1887, Vol. 23, page 332, and Vol. 24, page 414, Statutes at Large.

JOHN M. WILSON,
693 Colonel, U. S. A.

LAYING WATER-PIPE.
[At New London, Conn.]
OFFICE BOARD WATER COMMISSIONERS,
NEW LONDON, CONN., March 8, 1889.

Sealed proposals, indorsed as above, will be received at this office **until 11 o'clock** A. M., **April 17, 1889,** for carting and laying about five miles of 20-inch pipe and connections.

Plans may be seen and specifications obtained at the Engineer of the Water Department.

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694

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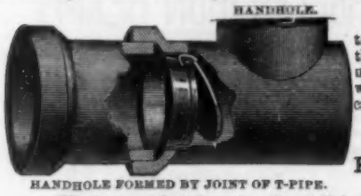

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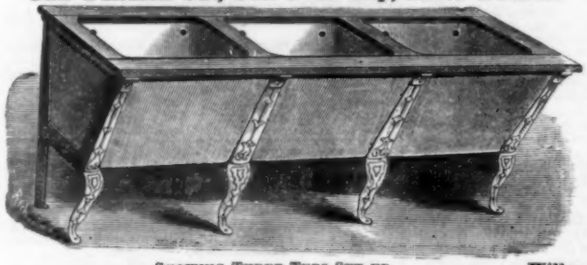

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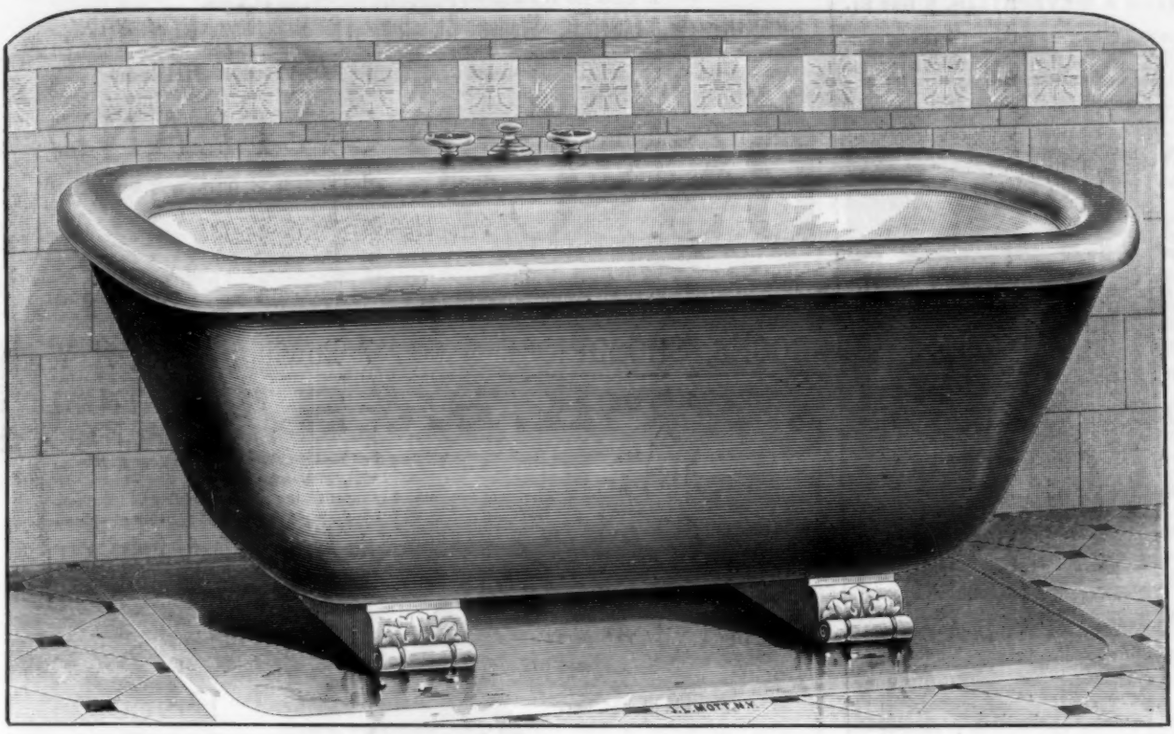

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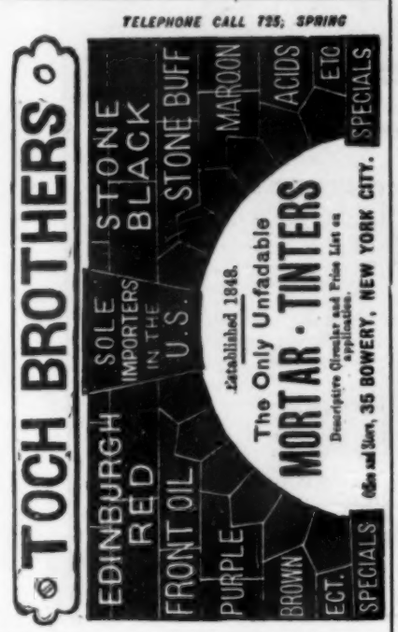

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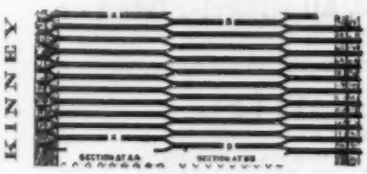

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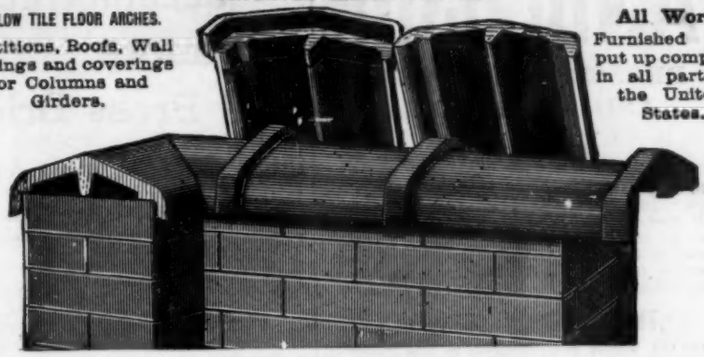

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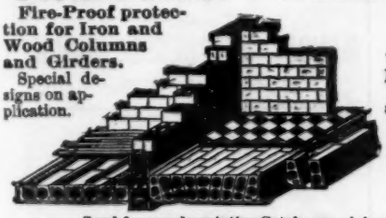

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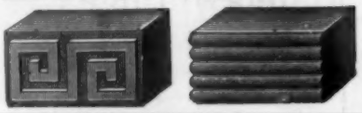

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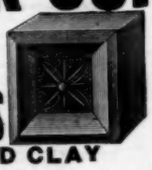

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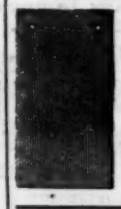

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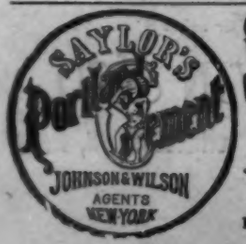

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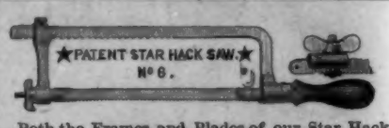

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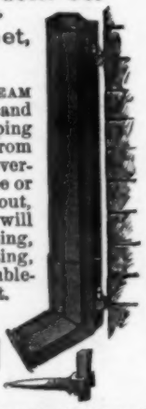

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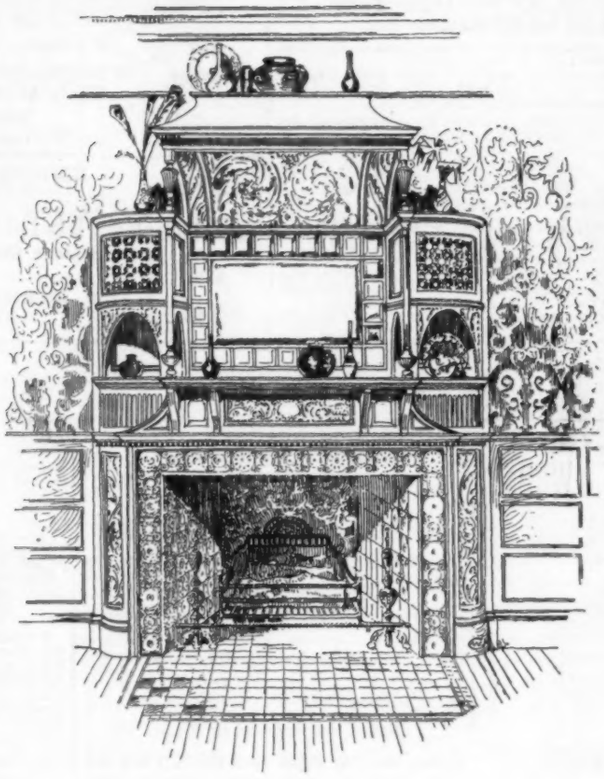

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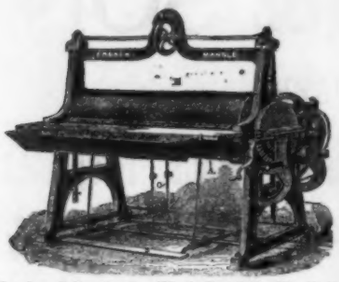

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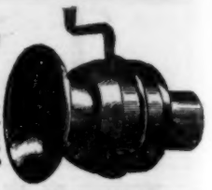

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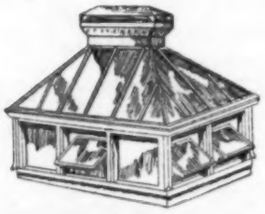

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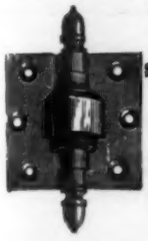

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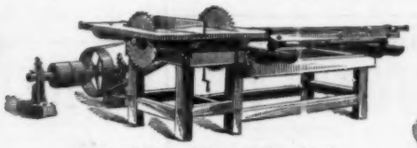
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LUMBER.—₱ M.				
Boards: (*Ordinary dimensions.*)				
Pine, 1st quality, clear	65 00 @ 75 00	50 00 @ 60 00	47 00 @ 48 00	55 00 @ 60 00
" 2d quality	55 00 @ 60 00	42 00 @ 50 00	43 00 @ 45 00	40 00 @ 50 50
" 3d quality	18 00 @ 22 00	35 00 @ 40 00	39 00 @ 41 00	15 00 @ 30 00
Spruce	@ 25 00	12 00 @ 25 00	*Not sold.*	@ 35 00
Hemlock	13½ @ 14	13 00 @ 15 00	@ 11 00	@ 14 00
Yellow pine	20 @ 40	25 00 @ 35 00	@ 21 00	20 00 @ 50 00
Cypress	@	32 00 @ 40 00	@	40 00 @ 45 00
Clapboards:				
Pine	@	33 00 @ 55 00	10 00 @ 21 00	18 00 @ 22 00
Spruce	@	15 00 @ 35 00	*Not sold.*	*Not Sold.*
Framing Timber:				
Pine			14 00 @ 15 00	25 00 @ 30 00
Spruce	14 00 @ 18 00	15 00 @ 18 00	*Not sold.*	16 00 @ 20 00
Hemlock	12 00 @ 16 00	12 50 @ 15 00	*Not Sold.*	11 00 @ 14 00
Yellow pine	18 00 @ 21 00	24 00 @ 35 00		20 00 @ 25 00
Laths:				
Pine	@	2 25 @ 2 35	@ 2 20	@ 2 50
Spruce	2 15 @ 2 25	2 25 @ 2 50	*Not sold.*	@ 2 25
Shingles:				
Pine, shaved ₱ M	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed "	4 00 @ 5 00	@ 4 50	2 35 @ 2 60	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood ₱ 125	1 40 @ 1 60	3 75 @ 4 00	6 50 @ 8 00	{30" $35 @ 40 / 24" 8 @ 21
Cedar, split ₱ M	@	@	*Not sold.*	{20" 35 @ 14
Cedar, sawed "	@	2 00 @ 4 00	2 20 @ 2 45	11 00 @ 14 00
Cypress. Split....7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 75 @ 4 25	
Miscellaneous:				
Piles ₱ ft.	4½ @ 5½	Piles 6c. ₱ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	4 @ 4 25
Chestnut "	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: ₱ M. (*First Qual.*)				
Ash [*Kiln dried.*]	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	45 00
Cherry	80 00 @ 120 00	65 00 @ 120 00	80 00 @ 110 00	75 00 @ 80 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 5500	70 00 @ 80 00
Hard-pine floors (rift)		48 00 @ 50 00		
Mahogany, Baywood [Mexican]	@180 00	150 00 @ 160 00	150 00 @ 180 00	150 00 @ 250 00
" St. Domingo	@350 00	120 00 @ 350 00	220 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	25 00 @ 35 00	25 00 @ 35 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	35 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 80 00	45 00 @ 60 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 45 00	87 50 @ 65 00
Pine, clear	65 00 @ 70 00	30 00 @ 75 00	45 00 @ 5100	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ₱ lb	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		30 00 @ 32 00		
Walnut, black	125 00 @150 00	80 00 @ 120 00	80 00 @ 110 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	30 00 @ 35 00	25 00 @ 40 00
Yellow pine ₱ M	@ 45 00	40 00 @ 42 00	30 00 @ 32 50	27 50 @ 45

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Common: *Cargo afloat.*				
Pale	3 25 @ 3 75	Eastern 8 50 @ 9 00	Building Brick 6 50 @ 7 00	Sq. Hard @ 12 00
Jersey	6 50 @ 7 50	Bay State Hard 9 50		" @ 9 00
Long Island	@	Domestic Com. 9 50 @ 10 00	Indiana Pressed 16 00 @ 22 00	Salmon @ 00
Up River	7 50 @ 8 00	Domestic Face 20 00 @ 22 00	St. Louis Fronts @ 27 00	Sq. " @ 9 00
Haverstraw Bay 2nd	@ 8 00	Philadelphia 40 00 @ 45 00		Light Stretchers @ 12 00
" 1st	8 25 @ 8 50	Phila. mould 50 00 @ 80 00		Medium " @ 14 00
Hollow	@ 13 00		18 00 @ 27 00	Red " @ 15 00
Fronts		Anderson 14 00 @ 32 00	65 00 @ 350 00	Dark " @ 15 00
Croton, Brown	14 00 @ 15 00		@ 55 00	Pressed 22 00 @ 25 00
" dark	15 00 @ 16 00		45 00 @ 50 00	Best Paving @ 16 00
" red	15 00 @ 16 00		45 00 @	Second " @ 14 00
Chicago pressed (Anderson)			25 00 @	Third " @ 13 00
Chicago Moulded			60 00 @ 100 00	
Baltimore	37 00 @ 41 00		30 @	
Philadelphia	27 00 @ 28 00		35 @	
Trenton	@ 27 00		55 00 @ 65 00	
Milwaukee				
Moulded:			@ 100 00	
Red	25 00 @ 27 00		@ 120 00	Dom. @ 00
"	30 00 @ 35 00			@ 00
"	45 00 @ 60 00			
White Glens Falls Mold				
Enamelled: *Imp.*				
Enamelled (edge.)	85 00 @ 100 00			
Enamelled (edge and end)	90 00 @ 115 00			
CEMENT, LIME, etc.—(₱ cask.)				
Rosendale Cement	1 00 @ 1 10	@ 1 40	*Not Sold.*	1 30 @ 1 50
Louisville "			1 05 @ 1 30	B & S.E. 275 @ 300
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	*Not sold.*	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	@ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	@ 2 85	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	@ 2 85	3 00 @ 3 25	2 85 @ 3 15
" " (Burham)	2 50 @ 2 80	@ 2 85	2 90 @ 3 15	2 50 @ 2 75
" " (White's)	2 65 @ 3 00	@ 2 85	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	3 00 @ 3 25	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	2 80 @ 3 15	2 50 @ 2 75
" " (Vorwohler)	2 50 @ 2 90		2 80 @ 3 15	Josson
" " (Lagerdofer)		*Not sold.*	2 75 @ 3 00	2 50 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	2 85 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not Sold.*	2 75 @ 3 00
" " Stettin, (Anchor)	2 35 @ 2 85		*Not Sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 50 @ 2 75
Roman	2 75 @ 3 00	@ 3 20	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	3 75 @ 6 50	@ 6 00	7 00 @ 7 50	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	11 00 @ 12 00	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30 ₱ bush
Chicago Lime in bulk		St. John 1 00	55 @	White Mash
Wisconsin "			60 @	1 25 @ 150
Rockland and Rockport, (Com.)	@ 1 00	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish.	@ 1 20	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing "	@ 1 10	*Not sold.*	*Not sold.*	*Not sold*
Plaster of Paris (calcined.)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 25 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ bush	18 @ 21	25 @ 30	30 @ 25	22 @ 30
" (Goat)	25 @ 28	@ 30	30 @ 55	30 @ 35
Sand, ₱ load	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)	@ 60			55 @ 65
Limestone:	45 @ 1 25	90 @ 1 00	50 @	75 @ 90
Bedford	@ 1 00		35 @ 55	Richmond
Joliet			35 @ 60	75 @ 1 50
Lemont			@ 1 00	4 50 ₱ Perch
Serpentine				

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Foundation:				
Dimension	@	5 00 ℔ ton	20 @	@ 5 00
Block	@	4 60 ℔ perch		Conshocken
Rubble	@	1 25 @ 1 50	3 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 20
Planed	50 @ 6 00	75	50 @ 1 00	45 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		95 @ 1 10
Kibbe	@ 90	90 @ 1 10		
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	55 @ 1 00
Berea } Ohio	75 @ 1 00	80 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 40
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 00 @ 1 10
Caen	@	@ 2 00	"	1 25 @ 1 50
Carlisle, English	@ 1 05	80 @ 90		95 @ 1 10
Corse Hill (Scotch)	1 05			
Marble (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and Blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined	@	50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna	@	3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red	@	1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville	@	85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@		*Not sold.*	2 00 @ 3 00
Vermont, white	@	1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75		6 25 @ 6 85	3 25 @ 4 00
" " Chapmans	@		7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am. ℔ M.			*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil,* ℔ *lb.*)				
White lead, Am.	7 @ 7½	7 @ 7½	6½ @ 7½	7 @ 7½
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	6 @ 6½
Red lead, Am.,	6½ @ 7	7 @ 7½	6½ @ 7½	6½ @ 6½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. @ 66
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	@ 16
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" @ 24
Black, lamp,	15 @ 25	15 @ 25	8 @ 30	@ 15
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw) (℔ gal.)	56 @ 58	57 @ 59	56 @ 57	@ 56
" " boiled (℔ gal.)	59 @ 61	60 @ 62	59 @ 60	@ 59
Turpentine (℔ gal.)	47 @ 48	44 @ 47	47 @ 52	@ 50
Varnish, coach (℔ gal.)		1 50 @ 6 00	1 25 @ 2 00	1 25 @ 3 50
Shellac		2 50 @ 3 00	2 25 @ 4 00	2 25 @ 3 00
Putty	2	2 4	92 @ 02½	1½ @ 2½
Whiting } dry	75 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.,) } dry	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Lithargo, Am. } dry	5½ @ 6	5½ @ 6½	6½ @ 7½	6 @ 6½
Sienna (burnt) } dry	14 @ 20	14 @ 20	4 @ 16	@ 14
Umber, " } dry	14 @ 20	14 @ 20	2 @ 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85		2 05 @	pr kg @ 2 10
10d. common	@ 2 60	@ 2 15	@ 2 15	@ 2 10
Shingle	@ 3 35	@ 2 65	@ 2 65	@ 2 40
Lath	@ 4 85	@ 3 65	@ 3 55	3 00 @ 3 50
Finishing nails according to size.			Add .85 to $1.15	per ℔ 11 @ 14
(*For casing nails add 75c. per keg.*)			" .50 to .90	Add pr cask
Butts: 4" x 4" (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 44
Japanned	@ 1 50	@ 1 75	*Not sold.*	@ 1 57
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 75 @ 2 00
Ball Tip, Boston Finish. (℔ pair.)	@ 65	@ 50	*Not sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony				@ 35
Apple wood				37 @ 1 00
Knobs: (℔ *Set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hematite	*Not sold* @ 33	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 2 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 %	22 @ 35
Sheet Lead		@ 6½		
Lead Pipe		@ 6		
Iron:				
I-Beams, up to and including 30 ft	3 3-10 @ 3½	2 8-10 @ 3	@	@ 2 8-10
I-Beams, over 30 ft. ½, ½, ¾ c. advance	@	@	@ 4	@ 2 8-10
Channel-Beams	3 3-10 @ 3½	2 8-10 @ 3	@ 4	@ 2 8-10

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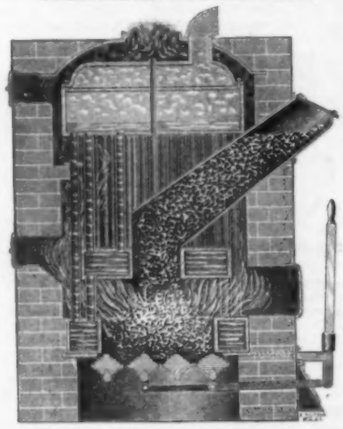

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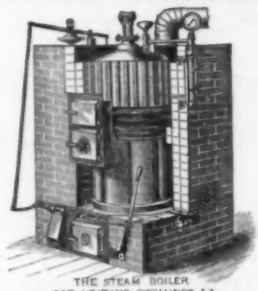

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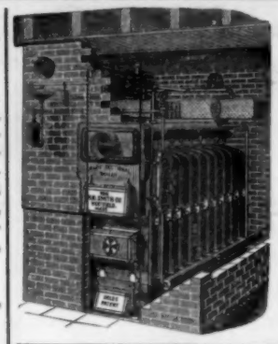

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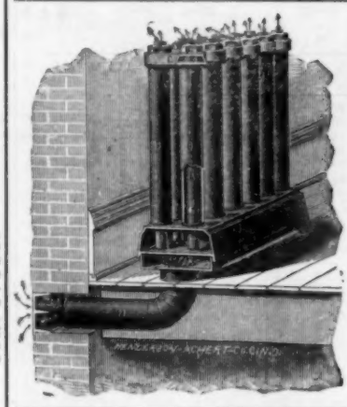

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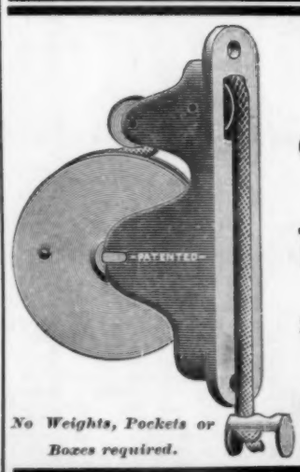

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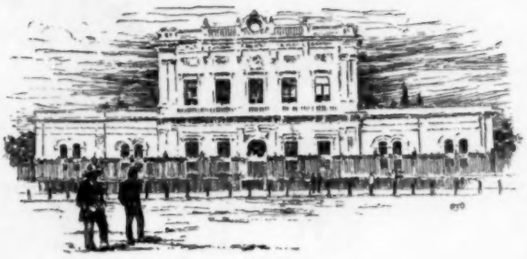

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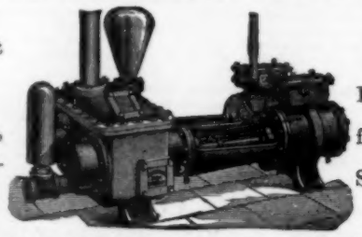

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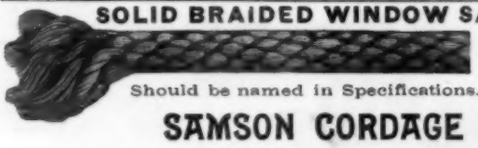

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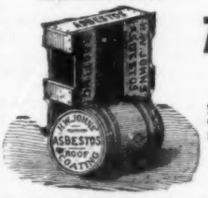

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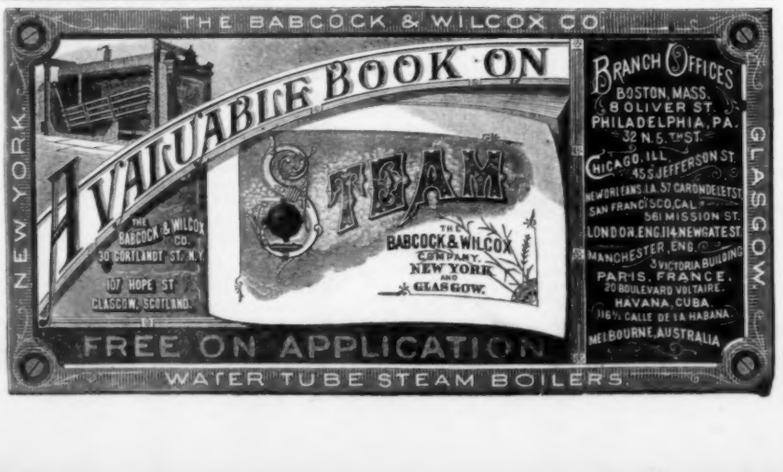

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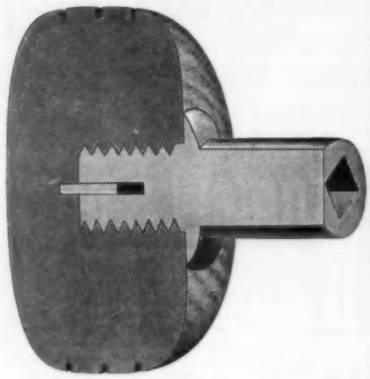

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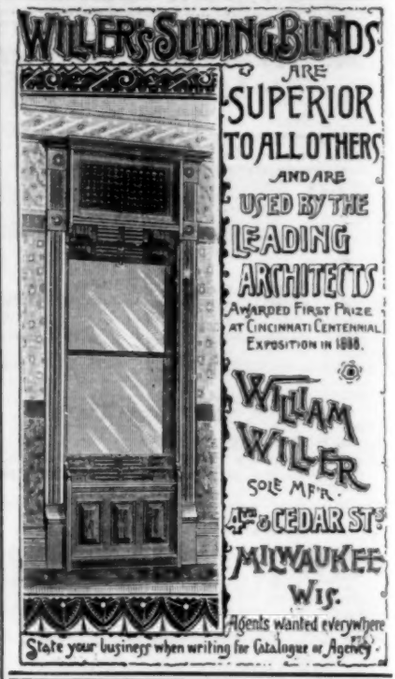

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Boston, Mass.—*Washington St., No.* 710, cor. Kneeland St., Ward 12, general alterations to brick mercantile building and halls; owners, Massachusetts Hospital Life Insurance Co.; builder, H. S. Hussey.

Washington St., Nos. 2235-2241, Ward 19, repair fire damage to dwell. and mercantile; owner, R. Esterbrook.

Congress St., Nos. 197-203, *and Leather Sq.*, Ward 12, general alterations to mercantile building.

Burroughs Pl., cor. Hollis St., Ward 12, remodel brick dwell.; owner, S. C. Davis; builder, H. S. Hussey.

Washington St., No. 1443, Ward 16, new front to hotel; owners, Washingtonian Home; builder, T. Rayner.

Brooklyn, N. Y.—*Manhattan Ave.*, n w cor. Commercial St., two-st'y addition, gravel roof; cost, $58,000; owners, Morris Building Co., 215 Ryerson St.; architect, W. B. Tubby; builders, J. B. & J. T. Woodruff and L. W. Seaman, Jr.

Fifth Ave., n e cor. Seventh St., three-st'y brick extension, tin roof, wooden cornice, interior alterations, etc.; cost, $3,500; owner, John Miller, 399 Fifth Ave.; architect and contractor, E. Hallam; mason, not selected.

Chicago, Ill.—C. Busbey, owner and architect, one-st'y addition, Washington St.; cost, $8,000.

G. Langerie, three-st'y addition, Weed St.; cost, $7,000; architect, N. Gerten.

Dorchester, Mass.—Alterations to dwell. for S. N. Ufford; contract to be let; architect, S. S. Woodcock, Boston.

Franklin, Mass.—Alterations and enlarging High School-house; contract to be let; architect, S. S. Woodcock, Boston.

Holyoke, Mass.—Alterations to stone church for Episcopal Society; contract to be let; architect, S. S. Woodcock, Boston.

Kearney, Neb.—The Legislature has just appropriated $75,000 for additional improvements to the Kearney State Industrial School; several new buildings will be built.

Natick, Mass.—Alterations to brick church for Congregational Society; contract to be let; architect, S. S. Woodcock, Boston.

New York, N. Y.—Constable Bros. are receiving bids for altering and decorating a large dwell. on Madison Ave.

North Abington, Mass.—Alterations to dwell. for J. L. Greenwood; contract to be let; architect, S. S. Woodcock, Boston.

Philadelphia, Pa.—*Germantown Ave., No.* 4304, front alteration to dwell.; owners, McLaughlin & McNamara, Clinton St., Nicetown, Pa.

North Thirteenth St., Nos. 10-12, three-st'y brick addition to store; owner, George Kessler, 1332 Marshall St.

Vanpelt St., No. 2026, two-st'y addition to stable; owner, S. P. Spall, 1601 Brandywine St., Bridesburg, Pa.

Warren St., No. 3849, two-st'y addition to stable and carriage house; owner, H. J. Jones, 3825 Baring St.

Hamilton St., No. 910, three-st'y addition on brick stable; contractor, Amos Suplee, 926 South Twelfth St.

Cherry St., n s, bet. Seventeenth and Eighteenth Sts., brick wall to front of stable; builder, H. A. Deery, 1336 Race St.

There has been an enlargement and improvement of the Fifth Reformed Presbyterian Church; cost, $21,000.

Providence, R. I.—*Pine and Hay Sts.*, new store fronts and alterations; owner, Alex. Duncan estate; builders, A. A. Cyr and C. L. Richards; architects, Stone, Carpenter & Willson.

Richmond, Va.—The Baptists are enlarging their Home for Aged Women (ten rooms, etc.); cost, $2,500; architect, Albert L. West.

St. Louis, Mo.—Repair three-st'y brick warehouse; cost, $5,000; owners, N. K. Fairbank & Co.; sub-let.

APARTMENT-HOUSES.

Brooklyn, N. Y.—*Greene Ave.*, s s, 200′ e Stuyvesant Ave., 3 four-st'y brick flats, gravel roofs; cost, each, $22,000; owner and architect, Hector Toulmin, 342 Second Ave., New York.

Hancock St., n s, 75′ w Tompkins Ave., four-st'y brick flat, tin roof; cost, $9,500; owner, William Irvine, 92 Fulton St.; architect, J. C. Burne; builder, not selected.

Chicago, Ill.—F. Wieneke, three-st'y flats, West Division St.; cost, $4,000; architect, A. F. Wolfe.

J. Haack, three-st'y flats, Bissell St.; cost, $5,000; architect, J. Schnoor.

W. Zueldorff, two-st'y flats, Kendall St.; cost, $2,500; architect, H. Heldinger.

M. Zerterfield, three-st'y flats, Maxwell St.; cost, $6,000; architect, W. C. Harbuck.

D. Rees, two-st'y flats, Oakley St.; cost, $4,000; architect, C. Mahler.

O. Carson, two-st'y flats, Campbell Ave.; cost, $5,000; architect, J. McGrath.

J. Schmatel, three-st'y flats, West Division St.; cost, $7,000; architect, A. F. Wolf.

J. Arhuszenski, three-st'y flats, Crittenden St.; cost, $5,000; architect, T. Lewandowski.

D. H. Hammer, three-st'y flats, Blue Island Ave.; cost, $15,000; architect, H. W. Clay.

M. E. Wright, two-st'y flats, West Congress St.; cost, $2,500; architect, E. Shay.

M. J. Gleason, two-st'y flats, West Van Buren St.; cost, $2,500; architect, same as last.

H. J. Brannmann, three-st'y flats, West Division St.; cost, $9,000; architect, H. H. Kley.

J. Larsen, three-st'y flats, Oak St.; cost, $4,000; architects, Ostling Bros.

N. Mamer, four-st'y flats, Blue Island Ave.; cost, $10,000; architect, Ruehl.

M. Hirfthwoski, two-st'y flats, Wall St.; cost, $4,000; architect, M. Lukowski.

A. Gordon, three-st'y flats, Holt St.; cost, $4,000; architect, same as last.

Ferone & Salvator, three-st'y flats, Ewing St.; cost, $5,000; architect, A. Pechia.

J. Lagoria, three-st'y flats, Illinois St.; cost, $2,800; architect, F. R. Kraus.

J. Behnke, two-st'y flats, Holt Ave.; cost, $3,500.

M. Brand, four-st'y flats, Division St.; cost, $12,000; architect, W. H. Arend.

A. Fricki, two-st'y flats, Seymour St.; cost, $3,000; architect, W. Ohlhaber.

New York, N. Y.—*One Hundred and Thirty-second St.*, s s, w Seventh Ave., 2 five-st'y stone, buff brick and terra-cotta apartments; owner, F. Thurston; architect, Charles P. H. Gilbert.

Lexington Ave., No. 101, stone front apartment; owner, William Broadbelt; architect, John C. Burne.

East Twenty-fifth St., No. 329, four-st'y brick flat, tin roof; cost, $16,000; owner, Francis Meyer, 325 East Twenty-fifth St.; architect, Franklin Baylies, 52½ Bible House.

Eighth Ave., No. 691, five-st'y brick flat, tin roof; cost, $23,000; owner, Chas. Kuster, 206 West Twenty-first St.; architects, Thom & Wilson, 1267 Broadway.

Eighty-fifth St., s s, 400′ e Third Ave., five-st'y brick flat, tin roof; cost, $18,000; owners, L. S. & A. C. Quackenbush, 342 East Eighty-seventh St.; architect, Edward Wenz, 1491 Third Ave.

Broome St., No. 116, five-st'y brick flat, tin roof; cost, $22,000; owners, Feehan & Hammer, 1113

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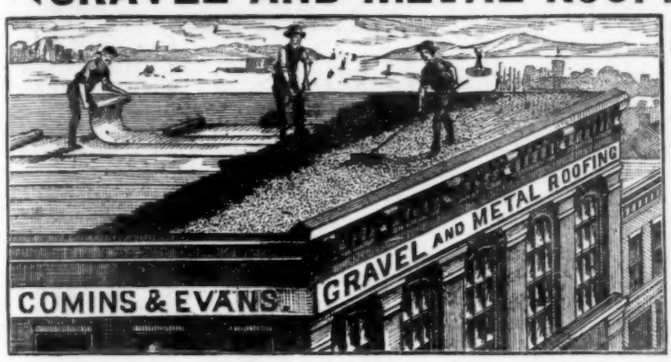

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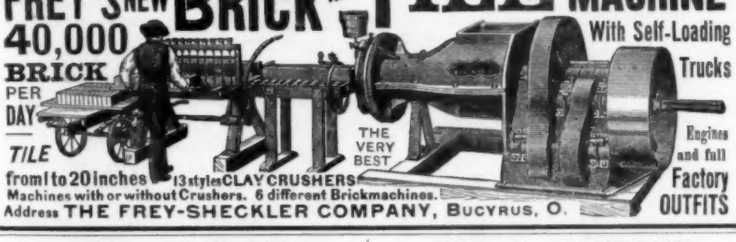

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Second Ave.; architect, Frederick Jenth, 191 Forsyth St.

Broome St., No. 118, five-st'y brick flat, tin roof; cost, $18,000; owners, Feehan & Hammer, 1113 Second Ave.; architect, Frederick Jenth, 191 Forsyth St.

West Twenty-second St., Nos. 250-252, 2 five-st'y brick flats, tin roofs; cost, $20,000; owners, Zimmermann & Rosenhaum, 318 East Houston St.; architect, J. Kastner, 744 Broadway.

Tenth Ave., s w cor. Eighty-fourth St., five-st'y brick flat, tin roof; cost, $22,000; owner, William Bell, 502 East Eighty-ninth St.; architect, J. H. Valentine, 58 Liberty St.

West Twenty-eighth St., Nos. 142-144, 2 five-st'y brick flats, tin roofs; cost, $40,000; owner, A. Quackenbush, 154 West One Hundred and Fifth St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

West Thirty-sixth St., No. 346, five-st'y brick flat, tin roof; cost, $20,000; owner, Edward F. Murray, 344 West Thirty-sixth St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Madison St., No. 217, five-st'y brick flat, tin roof; cost, $21,000; owner, Isidor Simon, 233 Henry St.; architect, William Graul, 215 Bowery.

Madison St., Nos. 140-142, 2 five-st'y brick flats, tin roofs; cost, $17,000; owner, Chris. Lochman, 97 Attorney St.; architect, William Graul, 215 Bowery.

Sheriff St., Nos. 119-121, 2 five-st'y brick flats, tin roofs; cost, $33,000; owners, Strohalker & Rentz, 80 Greenwich Ave.; architects, Rentz & Lange, 153 Fourth Ave.

St. Louis, Mo.—Three-st'y brick flats; cost, $10,000; owner, A. P. Easton; architect and contractor, Wm. Cochran.

Two-st'y and mansard brick flats; cost, $4,700; owner, Paul Mueller; contractor, H. W. Rocklage.

BUILDING INTELLIGENCE.

Two-st'y brick flats; cost, $3,500; owner and contractor, J. J. Biszant.

Two-st'y brick flats; cost, $8,500; owner, John Joseph; architect, Theo. C. Link; contractor, M. Friederich.

CHURCHES.

Boston, Mass.—*Belvidere, Bothnia and Scotia Sts.*, Ward 11, seven-st'y brick church and dwell., pitch roof, 105′ x 165′, for St. Cecilia Church; owner, J. J. Williams; builder, A. Phaneuf.

Brooklyn, N. Y.—*Halsey St.*, s s, 100′ w Howard Ave., one-st'y frame church and Sunday-school, tin or shingle roof; cost, $3,500; owners, Bethany Presbyterian Church Corporation; architect, S. S. Covert.

Kearney, Neb.—Several architects have submitted plans for an $18,000 Baptist Church. Successful architect not yet announced.

New York, N. Y.—*One Hundred and Seventeenth and One Hundred and Eighteenth Sts.*, 325′ e Eighth Ave., the congregation of St. Thomas Aquinas, of which the Rev. John Joseph Keoghan and the Rev. Father Grennan are the priests, will have built a basement church to cover seven lots.

Providence, R. I.—*High and Valley Sts.*, stone chapel; owners, Church of the Messiah; architects, Peabody & Stearns.

Fruit Hill Ave., frame chapel; cost, $10,000; owners, St. Thomas Church Corporation; builder, Patrick Fogarty.

St. Louis, Mo.—One-st'y brick church; cost, $2,700; owners, St. Peter's M. E. Church; architect, A. Monschein; contractor, C. Smiley.

Waddington, N. Y.—Frame church, heat with furnace, stained-glass windows, circular seating;

[*Continued on page* xvi.]

Comments of the Press on a New Book

By MERCHANT & CO.

ENTITLED:

"A TIN ROOF."

A Valuable Book.

Under the title "*A Tin Roof*," Messrs. Merchant & Co., Philadelphia, have published a valuable work on the subject of roofing materials. No architect can afford to be without the book, as it treats very fully on a subject with which he should be conversant. The book has been compiled by one thoroughly versed in the subject of tin roofing, and it touches on different features of the subject which have heretofore never been published, and it is to be questioned whether the information could be obtained by architects from the roofing trade. The closing paragraph of the book is as follows: "We are prepared to prove that we were the first to introduce guaranteed plates and stamp every sheet with the name of the brand and thickness; and having also done away with the imperfect or waste sheets to further protect architects (who wish to specify and property owners who want to use the best), we feel that we have a right, under these circumstances, to ask that our guaranteed brands shall not be specified along with other brands in the market, which are inferior in quality, coating, weight and assortment." Architects throughout the country will do well to secure a copy of the book, which can be done by addressing Merchant & Co., Philadelphia.—*Philadelphia Evening Call*, February 18, 1889.

Something Worth Reading.

"*A Tin Roof*" is the title of a little book just issued by Messrs. Merchant & Co., 517 Arch Street, Philadelphia. The purpose of the publication is to supply to builders, architects, and the general public some exact information as to the best methods of constructing a tin roof and as to the right materials to be used to secure satisfactory and permanent results. We especially recommend the book, which is intended for gratuitous distribution, to mill-owners. They are very apt to entrust the matter of roofing wholly to builders, and they usually know very little about the character of the tin used or the excellence or defectiveness of the job. This pamphlet will help them to protect their interests. It is very explicit, perfectly comprehensible, and we think wholly trustworthy. It is quite profusely illustrated, and the cuts indicate processes of applying tin-roofing which insure excellence.—*Philadelphia Telegraph*, February 16, 1889.

Messrs. Merchant & Co., of Philadelphia, are about to issue a work on the subject of tin roofing for the benefit of architects, which they have had compiled at considerable expense and labor by one thoroughly versed in the subject of tin roofing. It touches on different features of the subject which have heretofore never been published. While this work is issued partly as an advertisement of their guaranteed plates, it will be found to contain very valuable information. It is for distribution to those who want the information, though it is not their purpose to send it out broadcast, as it is too valuable a work in itself to go into the waste basket. The book will be nicely bound, and the title will be "*A Tin Roof.*" Messrs. Merchant & Co., have done all in their power to bring about the use of a better class of material, and were the first to introduce plates every sheet stamped with the brand and thickness, and as the doing away with the wasters, or imperfect sheets, has been the cause of great loss of profit to this concern, in their determination to keep faith with the architectural profession, they find that in some cases even leading architects are to-day simply using their brands as a figure-head, and are inserting in their specifications not only cheaper brands than theirs, but brands the wasters of which can be obtained and will be used. Consequently they have now taken the stand to simply ask the architect to drop their brands entirely if they are to be used with inferior goods, as they do not care to be held responsible by their clients when the roof proves inferior by reason of the use of cheaper material than they offer to the public.—From *Manufacturers' Record*, Baltimore, of February 9, 1889.

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cost, $8,000; architect, J. P. Johnston; Robert Atchinson, Chairman Building Committee.

FACTORIES.

Brooklyn, N. Y.—*Gold St.*, s w cor. John St., two-st'y brick factory, gravel roof; cost, $7,000; owner, Geo. A. Young, 124 John St.; architect, H. J. Skinner; builder, F. Connelly.

Metropolitan Ave., No. 116, s s, 225′ e Catherine St., three-st'y frame (brick-filled) factory and warerooms, gravel roof; cost, $5,000; owner, John Davis, 295 Graham Ave.; architect, J. E. Brown.

New York, N. Y.—*Grand St., Nos.* 496-498, five-st'y brick factory, tin roof; cost, $23,000; owner, Samuel B. Clark, East Orange, N. J.; architects, Jno. B. Snook & Son, 12 Chambers St.

HOTELS.

New York, N. Y.—*Division St., No.* 94, six-st'y brick lodging-house, tin roof; cost, $16,000; owner, A. Weinstein, 166 Henry St.; architects, Herter Bros., 191 Broadway.

Tenth Ave., Little Twelfth and Bloomfield Sts., five-st'y hotel; owner, John Glass; architect, G. A. Schellenger.

West Kearney, Neb.—The West Kearney Improvement Co. will shortly build a hotel; cost, $20,000.

HOUSES.

Atlanta, Ga.—W. J. Speer, Esq., will have built a two-st'y dwell.; cost, abt. $40,000.

Baltimore, Md.—Hy. Ripple, Jr., 2 two-st'y brick buildings, n s Fayette St., w Choptank St.

D. E. Potter, 6 three-st'y brick and brownstone buildings, e s Bolton St., bet. Wilson and McMechin Sts.

F. E. Yewell, 18 three-st'y brick buildings, e s Linden Ave., bet. Laurens and Wilson Sts.; 3 three-st'y brick buildings, n s Wilson St.; and 3 three-st'y brick buildings, s s Laurens St., bet. Linden Ave. and Bolton St.

C. C. Speed, three-st'y brick building, rear e s Fremont St., bet. Clark and George Sts.

Martin Mayfort, 5 two-st'y brick buildings, w s Harford Ave., s Lanvale St.; and 6 two-st'y brick buildings in rear.

Geo. D. Hill, three-st'y brick building, w s Eutaw St., bet. Saratoga and Mulberry Sts.

A. A. Rinehart, three-st'y brick building, n w cor. Eutaw Pl. and Preestman St.

G. C. Hershman, 11 two-st'y brick buildings, s s Lancaster St., bet. Port Alley and Cannon St.

S. Sanders & Bro., 6 two-st'y brick buildings, s s 30-ft. St., n Fifth La., bet. Riverside and Henry Sts.

John T. Lohmuller, three-st'y brick building, s w cor. Fremont and Pierce Sts.

Alfred A. Bresee, 8 two-st'y brick buildings, w s Collington Ave.; and 10 two-st'y brick buildings, e s Duncan Alley, bet. Fayette St. and Fairmount Ave.

Thornton Rollins, 2 two-st'y brick buildings, n s Vine St., bet. Chatsworth and Fremont Sts.

L. German, 3 two-st'y frame buildings, w s Beach Ave., bet. Third and Fourth Aves.

J. H. Vondrelle, 3 two-st'y frame and brick buildings on Parkdale Ave., s Woodbury Ave.

Boston, Mass.—*Lamartine St.*, near Boylston St., Ward 23, three-st'y frame dwell., pitch roof, 24′ x 31′; owner, Conrad Decker; builder, Jacob Lulpoid.

Surrey St., near Parsons St., Ward 25, frame dwell., 25′ x 33′; owner, E. C. Gooch; builder, S. N. Davenport.

Lauriat Ave., Nos. 1-3, Ward 24, 2 three-st'y frame dwells. and stores, 23′ x 53′, flat roofs; owner, G. W. Goodale.

Athol St., near Raymond St., Ward 25, frame dwell., 24′ x 32′; owner and builder, S. N. Davenport.

Schuyler St., No. 33, Ward 21, frame dwell., 37′ x 48′; owners and builders, Wood & Wetherbee.

Norfolk St., near Nelson St., Ward 24, frame dwell., 24′ x 33′; owner, E. Brennan; builders, A. J. Brennan & Co.

Newbury St., No. 297, Ward 11, three-st'y brick dwell., flat roof, 23′ x 48′; owner, F. W. Goodwin; builder, A. Avery.

Thomas Park, cor. Old Harbor St., Ward 14, three-st'y frame dwell., flat roof 27′ x 46′; owner and builder, J. V. Devine.

Hutchins Ave., near Day St., Ward 22, frame dwell., 23′ x 38′; owner and builder, M. McPherson.

Gay Head St., No. 1, Ward 22, frame dwell., 22′ 6″ x 26′; owners, Workingmen's Building Association; builder, G. W. Pope.

Dell St., near Dorchester Ave., Ward 24, frame dwell., 24′ x 35′; owner, J. Stewart; builder, F. Gutrow.

Norwood St., near Tolman St., Ward 24, frame dwell., 26′ x 29′; owner, J. F. Brooks; builders, J. A. Vickery & Son.

Sydney St., near Savin Hill Ave., Ward 24, frame dwell., 24′ x 30′; owner, J. B. Berry; builder, G. A. Runnels.

Lawrence Ave., near Cedar St., Ward 24, frame dwell., 28′ 6″ x 38′ 4″; builder, D. Currier.

Beacon St., No. 444, cor. Hereford St., Ward 11, three-st'y brick dwell., mansard roof, 51′ 8″ x 80′ 8″; owner, R. C. Hooper; builders, B. D. Whitcomb & Co.

Codman Pl., No. 2, Ward 21, frame dwell., 13′ x 29′; owner, Henry Scales; builder, W. J. Newton.

Goldsmith St., near Centre St., Ward 23, three-st'y frame dwell., 24′ x 46′ 6″; owner, Marie Flynn; builder, J. J. Flynn.

New Heath St., No. 13, Ward 21, three-st'y frame dwell., hip roof, 25′ x 43′; owner, Abbie A. Dudley; builder, W. Tobin.

Pond St., near May St., Ward 23, frame dwell., 29′ x 30′; owner, Maria A. Seaverns; builder, M. H. Fossett.

Sycamore St., opp. Ridge St., Ward 23, frame dwell., 22′ x 35′; owner, W. F. Jewett; builder, A. Rogers.

Blue Hill Ave., cor. Sunderland St., Ward 21, frame dwell., 25′ x 32′; owner, Louisa P. Hoag; builder, J. H. Hall.

Pelton St., cor. Irving St. ext., Ward 23, frame dwell., 16′ x 36′; owner and builder, E. J. Farr.

Corey St., near Weld and Unnamed Sts., rear Corey St., near opp. Garfield St., Ward 23, three frame dwells., 30′ x 30′; owner, J. S. Bailey; builder, G. A. Spear.

Hampshire St., No. 8, Ward 19, three-st'y frame dwell., flat roof, 19′ 6″ x 40′; owner and builder, T. Connolly.

Pratt St., Nos. 43-45, Ward 25, two frame dwells., 20′ 6″ x 48′ 6″; owner, F. H. Phillips; builders, F. Perry & Son.

Plain St., near Oak St., Ward 24, frame dwell., 21′ x 43′; owner, Owen Conner; builder, G. A. Spear.

Stanton St., near Evans St., Ward 24, frame dwell., 24′ x 34′; owner, Mrs. J. A. Smith; builder, G. W. Oliver.

Brooklyn, N. Y.—*Orange St., No.* 32, s s, w Hicks St., three-st'y brick dwell.; cost, $7,000; owner, George F. Rogers, 56 Pineapple St.; architect and builder, S. Newell.

Prospect Pl., s s, 223′ e Franklin Ave., two-st'y brick and brownstone dwell., tin roof; cost, $5,000; owner, F. A. Buell, 1195 Fulton St.; architect, S. Newell.

Prospect Pl., s s, 187′ e Franklin Ave., 2 two-st'y brick and brownstone dwells., tin roofs; cost, each, $4,500; owner, F. A. Buell, 1195 Fulton St.; architect, S. Newell.

Oakland St., No. 144, e s, 225′ s Meserole Ave., three-st'y frame dwell., gravel roof; cost, $5,200; owner, Annie J. O'Neill, 132 Oakland St.; architect, G. Cragier; builders, G. Cragier & Co.

Himrod St., No. 24, s s, two-st'y frame (brick-filled) dwell., tin roof; cost, $3,000; owner and architect, J. Lehman, Sumner Ave., near Throop Ave.; builders, J. Rueger and H. Kreuder.

Macon St., s s, 220′ w Stuyvesant Ave., 8 two-st'y brownstone dwells., tin roofs; cost, each, $3,000;

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owner, architect and builder, Arthur Taylor, 180 McDonough St.

Macon St., s s, 80′ w Patchen Ave., 5 two-st'y brick dwells., tin roofs; cost, each, $6,500; owners and builders, Isaacson & Pearson, 1319-1321 Fulton St.; architect, E. Hine.

Halsey St., n s, 270′ e Nostrand Ave., 3 three-st'y brick and brownstone dwells., tin roofs; total cost, $17,000; owner, Wm. J. Kerigan, 522 Madison St.

Arlington Ave., n s, 50′ e Cleveland St., 2 two-st'y frame dwells., tin roofs; total cost, $7,000; owners, Hampton & Aveling, Arlington Ave., cor. Warwick St.; architect, W. Danmar; builder, W. Josiah.

Hancock St., n s, 25′ w Sumner Ave., 11 three-st'y brownstone dwells., tin roofs; cost, each, $6,000; owner, Wesley C. Bush, 750 Union St.; architect, J. E. Dwyer.

Somers St., n s, 225′ e Rockaway Ave., 5 two-st'y brick dwells., tin roofs; cost, each, $3,000; owner, Daniel Lauer, 684 Herkimer St.; contractors, Weeks & Lauer; mason, not selected.

Camden, N. J. — *Line St.*, ab. Fourth St., 6 two-st'y brick dwells.; owner, James White, Third and Washington Sts.

Pearl St., bet. Eighth and Ninth Sts., 21 two-st'y brick dwells.; owners, Budd Bros.

Eighth St., bet. Fern and Pearl Sts., 12 two-st'y brick dwells.; owners, Budd Bros.

Ferry Ave. and Van Buren St., two-st'y brick dwell.; owner, David O. Hunter.

Chestnut St., e Orchard St., frame dwell.; owner, Richard Sperling.

Main St., e Point St., two brick dwells.; owner, M. E. Harden.

Mechanic St., n s, ab. Sixth St., 2 two-st'y frame dwells.; owners, H. M. & W. J. Cooper.

Kaighns Ave., bet. Seventh and Ann Sts., two-st'y brick dwell.; owner, D. Butler, 739 Kaighns Ave.

Barton Pl., s Division St., w Eighth St., 2 two-st'y brick dwells.; owner, Aaron Ward.

Atlantic Ave., w Haddon Ave., brick dwell.; owner, John F. Betz.

Sycamore St., Nos. 1152-1154, two frame dwells.; owner, John Schaus.

Fifth St., e s, ab. Bailey St., 4 two-st'y brick dwells.; owner, W. T. Bailey, 203 State St.

Point St., n Elm St., 12 two-st'y brick dwells.; owner, David Baird.

Trenton Ave., e s, bel. Newton Ave., 20 dwells. and two stores; owner, Roberts Deren.

Byron St., bet. Second and Third Sts., 23 brick dwells.; owner, Wilson Ernst.

Webster St., w Broadway, 8 two-st'y brick dwells.; owners, Kaighn & Holl.

Jackson St., w Broadway, eight brick dwells.; owners, Kaighn & Holl.

Race St., e s, bet. Pearl and Elm Sts., 16 two-st'y brick dwells.; owner, C. W. Cox.

Woodland Ave., No. 919, two-st'y frame dwell.; owner, Albert W. Lowry.

Chicago, Ill. — E. Adcock, three-st'y dwell., Prairie Ave.; cost, $16,000; architect, G. Bearymoth.

Vopicka & Kubin, 2 two-st'y dwells., Winchester Ave.; cost, $15,000; architect, P. W. Reel.

C. Brenker, 2 three-st'y dwells., Belden Ave.; cost, $10,000; architect, L. G. Halberg.

P. Steinmueller, two-st'y dwell., Pierson St.; cost, $4,000; architect, H. Sierks.

W. D. Bishopp, 2 two-st'y dwells., California Ave.; cost, $6,000; architect, L. B. Dixon.

BUILDING INTELLIGENCE.

J. K. Russell, 10 two-st'y dwells., Washtenaw Ave.; cost, $25,000; two-st'y dwell., Fairfield Ave.; cost, $2,500; architect, J. G. Meriam.

J. K. Cochrane, 3 two-st'y dwells., Millard Ave.; cost, $5,500; architect, R. B. Beviere.

P. Kehoe, two-st'y dwell., West Harrison St.; cost, $4,800; architect, J. W. Eller.

Frankford, Pa. — *Dettman St.*, n s, e Frankford Ave., 2 two-st'y brick dwells.; owner, George Warner, 157 Oxford St.

Germantown, Pa. — *Chew St.*, e s, n Mill St., 2 three-st'y brick dwells.; owners, James Kinnier's Sons, 1063 Chelten Ave.

Grand Rapids, Mich. — H. H. Drury, frame dwell.; cost, $3,500; architect, S. J. Osgood.

Newton Highlands, Mass. — *Lake Ave.*, frame dwell., 30′ x 35′; contract to be let; architect, S. S Woodcock, Boston.

New York, N. Y. — *One Hundred and Thirty-first St.*, n s, 100′ e Eighth Ave., 6 three-st'y brick dwells., tin roofs; cost, $54,000; owner, Isaac E. Wright, 1983 Madison Ave.; architects, Cleverdon & Putzell, 110 East One Hundred and Twenty-fifth St.

Seventy-first St., s s, 125′ e Ninth Ave., 10 four-st'y brick dwells., tin roofs; cost, $200,000; owner, John T. Farley, 103 West Seventieth St.; architects, Thom & Wilson, 1267 Broadway.

Seventy-fourth St., n s, 180′ w Eighth Ave., 5 four-st'y brick dwells., mansard, tin and slate roofs; cost, $150,000; owner, Carrie S. Kennedy, 1090 Lexington Ave.; architect, Daniel Burgess, 240 East Eighty-sixth St.

Philadelphia, Pa. — *Seventeenth St.*, e s, bet. Susquehanna and French Aves., 4 three-st'y brick dwells.; owner, John Stafford, 1509 Susquehanna Ave.

Paschal Ave., e s, bet. Sixty-eighth and Sixty-ninth Sts., 18 brick and frame dwells.; owner, C. W. Croasdill, 734 South Twenty-second St.

East Thompson St., Nos. 214-216, 2 three-st'y brick dwells; owner, Charles E. Bertolet, 964 North Eighth St.

Darien St., s Jackson St., 26 brick dwells., 13 on e s and 13 on w s; owner, Henry R. Coulomb, 731 South Tenth St.

East Montgomery Ave., Nos. 1342-1344, 2 two-st'y brick dwells.; owner, Howard S. Richards, 1512 East Susquehanna Ave.

Amber St., w s, e Dauphin St., 2 three-st'y brick dwells.; owners, John M. Buchanan & Bro., 1618 Vienna St.

Washington La., n s, e Township Line, frame dwell.; owner, John O. Broadbent, 814 Haines St.

Elbow La., n s, bet. Walnut La. and High St., brick cottage; owner, Charles O. Roop, Herman St., Germantown, Pa.

Broad St., w s, s Sears St., two-st'y brick dwell.; builder, Thomas Gruinan, 1603 Wharton St.

Fleason St., e s, s Tibben St., two-st'y brick dwell.; owner, Ernest Rangnour, 407 Prospect St., Roxborough, Pa.

Broad St., w s, s Tasker St., 4 three-st'y brick dwells.; owner and builder, Jacob R. Jordan, 1626 South Broad St.

Otter St., s s, bet. Front and Leopard Sts., 4 two-st'y brick dwell.; owners, Real Estate Improvement Co., 727 Walnut St.

Deshong St., n s, w Twenty-sixth St., two-st'y brick four-room dwell.; owner, Wm. Christy, 1307 Hicks St.

Sparks St., n w cor. Buckins St., two-st'y brick dwell.

Kalos St., n w s, s w Righter St., 3 two-st'y stone dwells.; owner, A. E. Jones, 226 Sumac St.

Thompson St., e s, ab. Authracite St., 3 two-st'y brick dwells.; builder, George W. Stewart, 2536 North Sixth St.

Percy St., e s, s Reed St., 4 two-st'y brick dwells.; owner, Mary A. Magee, 1007 Walnut St.

Ebling St., e and w s, n Montgomery Ave., 62 two-st'y brick dwells.; owner, Jacob E. Ridgway, 1812 Spring Garden St.

Montgomery Ave., n s, w Twenty-seventh St., 6 two-st'y brick dwells.; owner, Jacob E. Ridgway, 1812 Spring Garden St.

Providence, R. I. — *Governor St.*, near Young Orchard Ave., frame dwell.; cost, $5,000; owner, Mary A. Sullivan; builder, Robert Paterson.

High St., n s, near Boston, frame dwell.; cost, $4,500; owner, Mrs. Margaret Conley; builder, Patrick McDonough.

Daboll St., frame dwell.; cost, $5,000; owner, Eliza J. Sturdy; builders, H. L. Bassett & Co.

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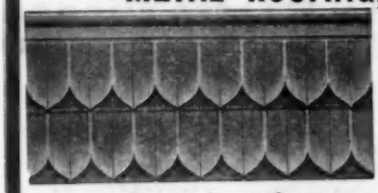

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BUILDING INTELLIGENCE.

Francis St., frame dwell.; cost, $5,000; owner, Richmond Viall; builder, E. R. Wheeler.

Broad St., near Summer St., three-st'y frame dwell.; owner, Wm. H. Waite; builder, E. R. Wheeler.

Bridgham St., frame dwell.; cost, $5,000; owner, Lucy F. Vaughn.

Rye, N. Y.—Constable Bros., New York, have finished plans for dwell.; style, old English.

St. Louis, Mo.—Two-st'y brick dwell.; cost, $3,000; owner, J. B. Poormann; architect and contractor, J. H. Randall.

Two adjacent two-st'y brick dwells.; cost, $3,200; owner and contractor, J. C. Hacker; architect, H. E. Pipers.

Two-st'y brick dwell.; cost, $2,600; owner and contractor, Thos. Knittel.

Two-st'y brick dwell.; cost, $3,000; owner, E. M. Armstrong; contractor, A. F. Berthe.

Two-st'y brick dwell.; cost, $3,000; owner, Geo. Von Aix; contractor, Robt. Douste.

Two-st'y and mansard brick dwell.; cost, $3,200; owner, Wm. Eichmann; architect and contractor, F. Mueller.

Two adjacent two-st'y brick dwells.; cost, $5,500; owner and contractor, J. W. Cooper.

One-st'y brick dwell.; cost, $2,600; owner, Chas. Ziegenberg; contractor, N. Pelligreen.

Two adjacent two-st'y brick dwells.; cost, $2,900; owner, E. Walsh; contractor, J. H. Stanton.

Two-st'y brick dwell.; cost, $9,000; owner, F. H. W. Krenning; architect, A. Beinke; contractors, Rodefeld & Blomker.

Two-st'y brick dwell.; cost, $6,500; owner, R. C. Rice; architects and contractors, J. B. Lindsly & Son.

Two-st'y and mansard brick dwell.; cost, $8,000; owner, F. W. Krenning; architect, A. Beinke; contractors, Rodefeld & Blourker.

Two-st'y brick dwell.; cost, $3,000; owner, J. A. Fanning; contractor, T. J. Kelly.

Two-st'y brick dwell.; cost, $2,700; owner, C. A. Bartholomew; contractor, J. H. Bowler.

Two-st'y brick dwell.; cost, $2,500; owner, Geo. Owens; contractor, J. H. Bowler.

Two-st'y brick dwell.; cost, $2,500; owner, Jas. Duncan; contractor, J. H. Bowler.

Two-st'y brick dwell.; cost, $2,700; owner, Margaret King; contractor, C. M. Smiley.

Two-st'y and mansard brick dwell.; cost, $3,500; owner, John Fauseck; contractors, Bothe & Ratermann.

Two-st'y brick dwell.; cost, $3,000; owner, T. C. Swobodo; contractors, Thorm & Schild.

Two-st'y brick dwell.; cost, $2,500; owner and contractor, Jno. Dwyer.

Two-st'y brick dwell.; cost, $2,500; owner and contractor, Jno. Dwyer.

Two-st'y and mansard brick dwell.; cost, $4,000; owner, A. Helmbacker; architects, Klute & Helmbacker; contractor, G. Neumeister.

Two-st'y and mansard brick dwell.; cost, $3,000; owner, Chas. Wallrapp; contractors, Gunner & Gizard.

BUILDING INTELLIGENCE.

West Kearney, Neb.—*Grand Boulevard*, cor. Jefferson Ave., frame dwell.; cost, $5,000; owner, Wm. E. Smythe; architects, Foster & Schuehle; builder, J. A. Archibald.

Grand Boulevard, frame dwell.; cost, $5,000; owner, R. L. Spencer; architects, Foster & Schuehle; builder, J. A. Archibald.

Grand Boulevard, frame dwell.; cost, $3,500; owner, R. J. Beattie; architects, Foster & Schuehle.

West Newton, Mass.—*Waltham St.*, two frame dwells., each 30′ x 38′; owner, Geo. D. Cox, Jr.; to be built by day; architect, J. Merrill Brown, Boston.

OFFICE-BUILDINGS.

Birmingham, Ala.—Work will soon commence on a two-st'y office-building for the Southern Express Co.

Philadelphia, Pa.—*Market St., Nos.* 406-408, four-st'y brick and iron office-building; owners, Stacy Reeves & Sons, 1611 Filbert St.

PUBLIC BUILDINGS.

Allegan, Mich.—A court-house is to be built; cost, $44,000; contracts not yet awarded; architect, S. J. Osgood, Grand Rapids, Mich.

SCHOOL-HOUSES.

Providence, R. I.—*Academy Ave.*, near Atwells Ave., three-st'y brick school-house; owner, City of Providence; builders, Wilmarth & McKillop.

Whitman, Mass.—Two-st'y frame school-house, 68′ x 80′; heated by steam; slate blackboards; to accommodate 324 pupils; contract to be let; architect, S. S. Woodcock, Boston.

STABLES.

Boston, Mass.—*Rutherford Ave., No.* 282, Ward 4, frame stable, 32′ x 50′; owners, South Boston Ice Co.; builder, C. E. Ricker.

Unnamed St., near St. Mary St., Ward 22, two-st'y brick stable, 40′ x 80′, flat roof; owner, R. H. Grogan.

Brooklyn, N. Y.—*Dean St.*, s s, 225′ w Vanderbilt Ave., one-st'y brick stable, gravel roof; cost, abt. $3,000; owner, A. Knox, 168 Sixth Ave.; architect, M. J. Morrill; builder not selected.

Camden, N. J.—*Sycamore St., No.* 1008, frame stable; owner, Jno. Kelley, on premises.

Main St., No. 323, two-st'y brick stable; owner, Wm. T. White, 221 Broadway.

Terrace Ave. and Van Buren St., two-st'y frame stable; owner, David O. Hunter.

Master St., ab. Central Ave., frame stable; owner, C. M. Snyder, on premises.

New York, N. Y.—*East Thirtieth St., No.* 19, five-st'y brick stable, tin roof; cost, $12,000; owner, Daniel Harnett, 15 East Thirtieth St.; architect, A. E. Fountain, 152 East Twenty-fifth St.

Philadelphia, Pa.—*Oak La. and North Penn. Railroad*, frame stable; contractor, John Owens, 124 East Upsal St., Germantown, Pa.

Shady Springs, Va.—H. Swineford is building a barn at his farm, Shady Springs; cost, $2,500; architect, Albert L. West, St. Louis, Mo.

BUILDING INTELLIGENCE.

St. Louis, Mo.—Two-st'y brick stable; cost, $6,000; owner, R. C. Kerens; architect, J. S. Taylor; contractor, A. E. Cook.

STORES.

Brooklyn, N. Y.—*Court St.*, s w cor. Second Pl., three-st'y brick store and dwell., tin roof; cost, $5,0 0; owner and builder, W. Flanagan, 69 Seventh Ave.

Reid Ave., e s, 22′ n Hancock St., 2 four-st'y brownstone stores and tenements, tin roofs; cost, each, $7,000; owner and builder, Wm. M. Gibson, 939 Lafayette Ave.; architect, I. D. Reynolds.

Sumner Ave., No. 9, three-st'y frame (brick-filled) store and tenement, tin roof; cost, $4,500; owner, Mrs. John Schaffner, 634 Broadway; architects, D. Acker & Son.

Manhattan Ave., s w cor. Meserole Ave., four-st'y brick store, offices and lodge-rooms, tin roof; cost, $20,000; owners, architects and builders, Randall & Miller, 16 Bedford Ave.

Manhattan Ave., w s, 50′ s Meserole Ave., 3 five-st'y brick stores and tenements, gravel roofs; cost, each, $10,000; owners, architects, and builders, same as last.

Smith St., No. 270, 270′ s Degraw St., four-st'y brick store and tenement, tin roof; cost, $9,000; owner, G. Arbogast, 278 Smith St.; architect and contractor, M. Freeman, Jr.; mason, J. C. Carlin.

Evergreen Ave., w s, 75′ n Cordelia St., two-st'y frame store and dwell., tin roof; cost, $3,500; owner, J. Zinn, 406 Central Ave.; architect, E. Dennis.

Chicago, Ill.—A. C. Huston, 3 four-st'y stores and flats, Cottage Grove Ave.; cost, $35,000; architects, Edbrook & Burnham.

Detroit, Mich.—A. Chapoton, Jr., five-st'y brick store, 26 East Congress St.; cost, $25,000.

Martin Scholl & Co., 5 three-st'y brick stores, 256-264 Michigan Ave.; cost, $20,000.

Three-st'y block of store and three dwells., 455-457 Jefferson Ave., and 114 Revard St.; cost, $30,000.

J. F. Weber, 3 two-st'y brick stores, 681-683-685 Michigan Ave.; cost, $5,000.

Franklin, Mass.—*Main St.*, brick and stone stores, offices, hall, etc.; terra-cotta trimmings; to cover about 7,000 square feet; owner, J. G. Ray; contract to be let; architect, S. S. Woodcock, Boston.

Little Rock, Ark.—T. B. Martin, three-st'y brick store; cost, $12,000; architects, Orlopp & Kusmer; contractors, Pettefer Bros.

New York, N. Y.—*North Moore St.*, five-st'y store-building, tin roof; cost, $16,000; owner, St. Mark's Church; architect, Wm. Graul, 215 Broadway.

Boulevard, w s, 58′ 1″ s Sixty-sixth St., two-st'y brick store; cost, $5,000; owner, John L. Miller,

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BUILDING INTELLIGENCE.

1019 Tenth Ave.; architects, Thom & Wilson, 1267 Broadway.

Ninth Ave., e s, 74′ s Twenty-third St., five-st'y store and flat; owner, Henry L. Morris; architects, Renwick, Aspinwall & Russell.

Philadelphia, Pa.—*Terrace St.*, s w s, n Dawson St., two-st'y brick store and dwell.; owner, James H. Berne, 124 Hermit St.

St. Louis, Mo.—Two-st'y and mansard brick store and flats; owner, Conrad Kern; architect and contractor, Wm. Sudhoelter.

Two adjacent two-st'y brick stores and rooms; owner, Wm. Schaeffer; architect, A. Beinke; contractors, A. Uhri & Son.

Three-st'y brick store and rooms; cost, $12,000; owner, Breman Bank; architect, C. F. May; contractor, P. Riechers.

Two-st'y and mansard brick store and rooms; cost, $4,200; owner, Henry Kuenke; architect and contractor, F. Mueller.

Two-st'y and mansard brick store and rooms; cost, $5,000; owner, A. E. Potthoff; architect, B. J. Goesse; contractors, Mackey & Sons.

TENEMENT-HOUSES.

Brooklyn, N. Y.—*President St.*, n s, 94′ w Henry St., 2 four-st'y brick tenements, tin roofs; total cost, $22,000; owners and builders, Assip & Buckley, 314 Fifth Ave.; architect, W. M. Coots.

North Eighth St., n s, 75′ w Havemeyer St., 3 four-st'y frame tenements, tin roofs; cost, each, $5,500; owner, Mr. Holiday, on premises; architect, H. Vollweiler; builder not selected.

Atlantic Ave., s s, 75′ 6″ e Jerome St., three-st'y frame (brick-filled) tenement, tin roof; cost, $4,500; owner, Jacob Becker, on premises; architect, C. Infanger; builder not selected.

Newel St., e s, 250′ s Norman Ave., four-st'y frame tenement, gravel roof; cost, $6,400; owner, Chas. Tiegler, 62 Newel St.; architect, F. Weber; builder not selected.

Ashford St., e s, 125′ n Liberty Ave., three-st'y frame (brick-filled) tenement, tin roof; cost, $3,800; owner, William Kolde, on premises; architect, C. Infanger; builder not selected.

New York, N. Y.—*Tenth Ave.*, w s, 25′ s One Hundred and Second St., 2 five-st'y brick tenements, tin roofs; cost, $24,000; owner, Jas. Mulholland, 536 West Forty-first St.; architect, Geo. W. Hughes, 138 West Fifty-third St.

Richmond, Va.—Wm. Ashley Jones is building a block of two tenements on Belvidere St., near Grace St.; cost, $6,000; architect, Albert L. West.

St. Louis, Mo.—Two-st'y brick tenement; cost, $3,500; owner, Chas. Heil; contractor, B. J. Loyd.

Two-st'y brick tenement; cost, $3,500; owner, F. O'Flaherty; architect, A. F. Baker; contractor, Thos. Roach.

WAREHOUSES.

Brooklyn, N. Y.—*Twenty-seventh St.*, at foot of St., two-st'y stone warehouse, felt roof; owner and builder, David S. Arnott, 705 Fourth Ave.

Chicago, Ill.—Greenlee Bros., four-st'y warehouse, West Twelfth St.; cost, $30,000; architect, W. W. Boyington.

Philadelphia, Pa.—*Delaware Ave. and Spruce St.*, eight-st'y cold storage warehouse; owner, Jacob R. Garber, 52 North Thirteenth St.

BUILDING INTELLIGENCE.

MISCELLANEOUS.

Allegheny City, Pa.—Four-st'y brick and stone refrigerating building, flat roof, 60′ x 100′; owners, Swift Bros. & Co.; contract to be let; architect, J. Merrill Brown, Boston.

Alexandria, Va.—The Young Men's Christian Association contemplate erecting building; cost, abt. $10,000.

Ashland, Va.—Randolph-Macon College will build a Science Hall; cost, $10,000; architect, Albert L. West.

Boston, Mass.—*Kingston St., Nos.* 102-134, *Essex St., Nos.* 113-129, *Essex Pl. and Tufts St. ext.*, Ward 10, six-st'y brick mercantile building, 120′ x 180′; owners, Boston Real Estate Trust; builders, Woodbury & Leighton.

Chicago, Ill.—U. S. Construction Co., one-st'y powerhouse; cost, $60,000; architect, V. Folkenau.

Sisters of Christian Charity, four-st'y school, hall and boiler-house; cost, $60,000; architects, Bauer & Hill.

Kearney, Neb.—*Central Ave.*, cor. Twenty-first St., three-st'y brick block; cost, $25,000; owner, H. C. Andrews; architects, Frank & Bailey; builders, Lyon Bros.

New York, N. Y.—*One Hundred and Thirty-first St.*, cor. Tenth Ave., three-st'y refrigerating building, 36′ x 78′; owners Swift Bros. & Co.; contract to be let; architect, J. Merrill Brown, Boston.

Philadelphia, Pa.—*Jefferson St.*, s e cor. Winchester St., one-st'y brick back building; owner, Frank Gillet, 4707 Smick St.

Jefferson St., s w cor. Fowler St., one-st'y brick storeroom; owner, Frank Gillet, 4707 Smick St.

Wharton St., Nos. 2009-2011, 2 one-st'y brick back buildings; owner, H. C. Webster, Sixtieth St. and Elmwood Ave.

Susquehanna Ave., n s, ab. Broad St., two-st'y brick building; owner, John F. Sanders, 2140 North Eleventh St.

The new Howard Hospital and Infirmary for Incurables at Broad and Catherine S*s., Constable Bros., architects, was commenced on July 11 last, has a completed exterior and a large part of the interior. Messrs. Little & Son contracted for the entire work for the sum of $21,480, and will have it completed in a month or so.

James H. Windrim, architect, has in hand four frame hospitals, with brick administration buildings, in the State of Pennsylvania.

Main St., two-st'y back building; owner, William J. Gruhler, 46 Herman St.

Merion Ave., n s, e Fiftieth St., one-st'y brick foundry; builder, William T. B. Roberts, Twenty-ninth and Thompson Sts.

St. James Protestant Episcopal Church has purchased a lot next to the parish buildings on Sansom St., w Twenty-second St., on which they will build the Henry J. Morton Guild House.

Globe Refining Co., still; builder, J. D. Ellis, 325 Walnut St.

Providence, R. I.—*High St., No.* 469, frame and brick block; cost, $7,000; owner, J. H. Field.

Sabin St., frame storehouse; owners, Providence Dyeing, Bleaching and Calendering Co.; builders, A. G. Tillinghast & Co.

Waterman, East River and Douglas Sts., machine-shops, boiler and engine houses; owners, American Ship Windlass Co.

Westminster St., n e cor. Jackson St., stone and brick building; cost, $106,000; owners, Providence Young Men's Christian Association; architects, Stone, Carpenter & Willson; builders, Cutting & Bishop.

PROPOSALS.

Highland Park, Ill., March 30, 1889. Sealed proposals, in triplicate, will be received at this office until 10 o'clock A. M., Tuesday, April 30, 1889, and then opened for furnishing all material and labor, and erecting at Fort Sheridan, Ill., the following buildings, viz.: One barrack wing for six companies, one store-house, one guard-house, one quartermaster's stable, one double set of non-commissioned officers' quarters, two sets field officers' quarters, seven sets captains' quarters, fifteen sets lieutenants' quarters, one building for shops, one bakery and one coal-shed. Subject to an increase or decrease of twenty per cent in the number of lieutenants' quarters. The Government reserves the right to reject any or all bids, or parts thereof. Bidders are requested to state the time required to complete the work. All information furnished upon application to this office. Detailed plans and specifications can also be seen at the office of the undersigned in the Pullman Building, Chicago, Ill., and at the Depot Quartermaster's office, New York City. Envelopes containing proposals will be marked "Proposals for Buildings at Fort Sheridan, Ill." and addressed to the undersigned. CROSBY P. MILLER, A. Q. M., United States Army. 696

LUMBER AND ACID.
[At Washington, D. C.]
WASHINGTON, D. C., March 22, 1889.

Sealed proposals endorsed "Proposals for Lumber" or "Acid," will be received at the Bureau of Provisions and Clothing, Navy Department, Washington, D. C., **until 11 o'clock** A. M., **April 13, 1889,** and publicly opened immediately thereafter, to furnish and deliver at Brooklyn Navy Yard, 35,000 feet of W. P. lumber; at the Norfolk Navy Yard, 150 carboys muriatic acid.

The articles must conform to the prescribed standard and pass the usual naval inspection.

Tie bids decided by lot.

Blank proposals containing specifications, etc., can be obtained on application to the Bureau, or to the general storekeeper at the Navy Yard where the articles are to be delivered.

The Department reserves the right to reject any proposal not deemed advantageous to the Government.

JAMES FULTON,
694 Paymaster-General, U. S. Navy.

LAYING WATER-PIPE.
[At New London, Conn.]
OFFICE BOARD WATER COMMISSIONERS,
NEW LONDON, CONN., March 8, 1889.

Sealed proposals, indorsed as above, will be received at this office **until 11 o'clock** A. M., **April 17, 1889,** for carting and laying about five miles of 20-inch pipe and connections.

Plans may be seen and specifications obtained at the Engineer of the Water Department.

B. A. ARMSTRONG,
E. T. BROWN,
P. C. DUNFORD,
GEORGE WILLIAMS,
Board of Water Commissioners.
W. H. RICHARDS, Engineer.
694

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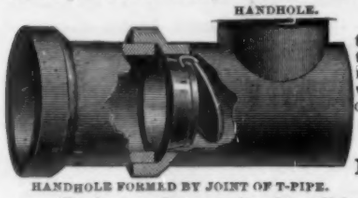

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PROPOSALS.

BREAKWATER.

[At Mouth of Housatonic River, Conn.]

Engineer Office U. S. Army, Room 57, Army Building, cor. Houston and Greene Sts., New York, N. Y., March 22, 1889.

Sealed proposals, in triplicate, for construction of a breakwater at the mouth of the Housatonic River, Conn., will be received at this office **until twelve (12) o'clock, noon, on Monday, April 22, 1889.**

The attention of bidders is invited to the Acts of Congress approved February 26, 1885, and February 23, 1887, Vol. 23, page 332, and Vol. 24, page 414, Statutes at Large.

Further information can be obtained at this office.

D. C. HOUSTON,
Lieut.-Colonel of Engineers.

PROPOSALS.

JAIL.

[At Williamstown, Ky.]

Up to 12 o'clock of the 25th day of April next, sealed proposals will be received by the undersigned, committee for furnishing material and constructing a new jail and jailer's residence on the Court-house Square at Williamstown, for Grant County, Ky.

Plans and specifications are on file at the office of L. Cavanagh, in Williamstown.

For all information address the Committee.

The right is reserved to reject any and all bids.

The successful bidder will be required to give bond for the performance of the contract with good security.

L. CAVANAGH,
E. H. SMITH,
J. T. BROOKS, } Committee.

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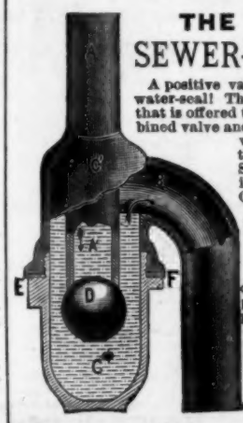

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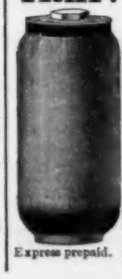

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Plate 98 "G."

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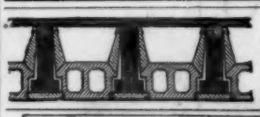

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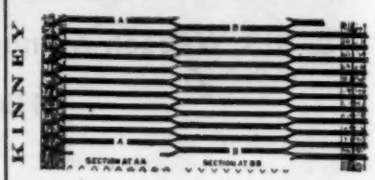

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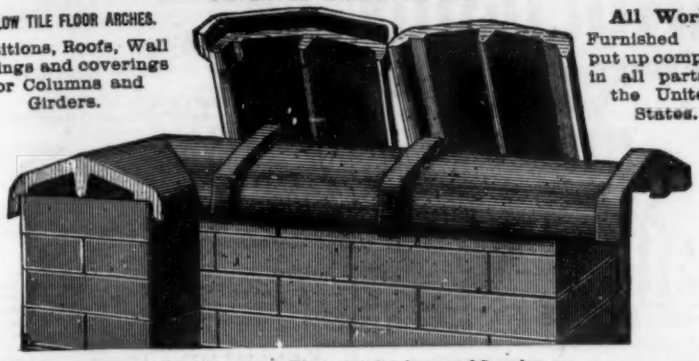

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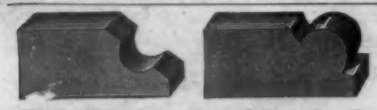

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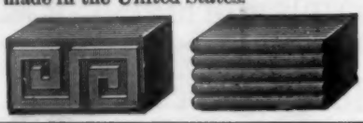

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Fig. B.

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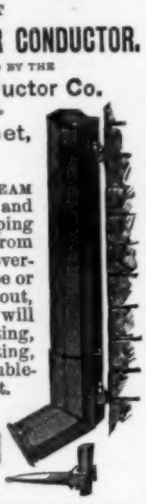

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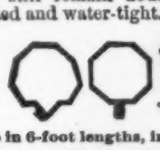

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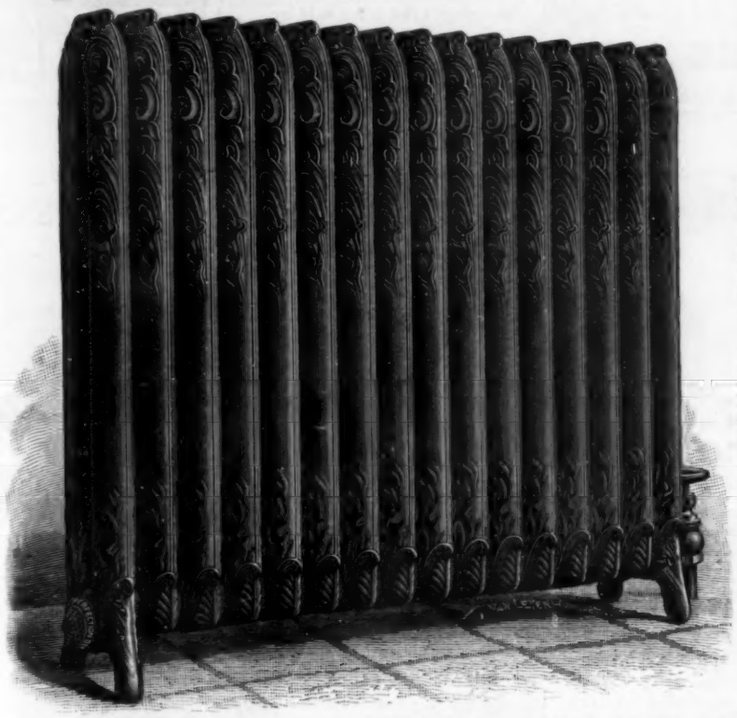

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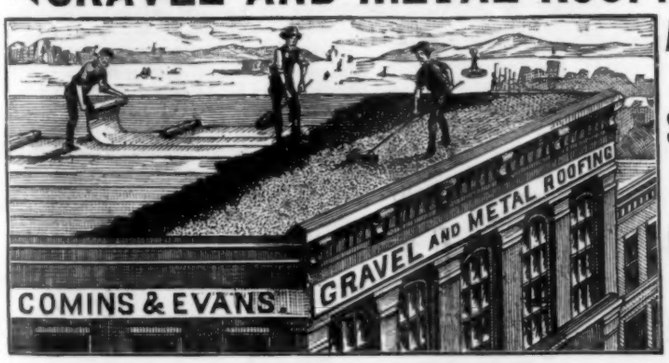

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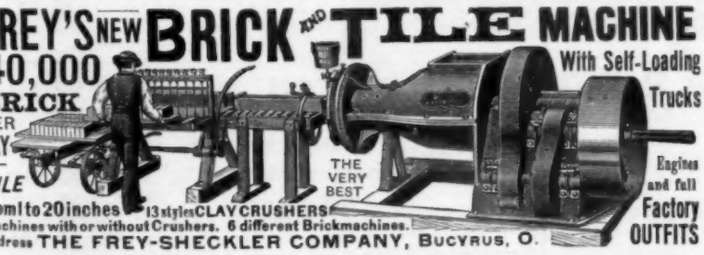

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Something Worth Reading.

"A Tin Roof" is the title of a little book just issued by Messrs. Merchant & Co., 517 Arch Street, Philadelphia. The purpose of the publication is to supply to builders, architects, and the general public some exact information as to the best methods of constructing a tin roof and as to the right materials to be used to secure satisfactory and permanent results. We especially recommend the book, which is intended for gratuitous distribution, to mill-owners. They are very apt to entrust the matter of roofing wholly to builders, and they usually know very little about the character of the tin used or the excellence or defectiveness of the job. This pamphlet will help them to protect their interests. It is very explicit, perfectly comprehensible, and we think wholly trustworthy. It is quite profusely illustrated, and the cuts indicate processes of applying tin-roofing which insure excellence. — *Philadelphia Telegraph*, February 16, 1889.

Messrs. Merchant & Co., of Philadelphia, are about to issue a work on the subject of tin roofing for the benefit of architects, which they have had compiled at considerable expense and labor by one thoroughly versed in the subject of tin roofing. It touches on different features of the subject which have heretofore never been published. While this work is issued partly as an advertisement of their guaranteed plates, it will be found to contain very valuable information. It is for distribution to those who want the information, though it is not their purpose to send it out broadcast, as it is too valuable a work in itself to go into the waste basket. The book will be nicely bound, and the title will be *"A Tin Roof."* Messrs. Merchant & Co., have done all in their power to bring about the use of a better class of material, and were the first to introduce plates every sheet stamped with the brand and thickness, and as the doing away with the wasters, or imperfect sheets, has been the cause of great loss of profit to this concern, in their determination to keep faith with the architectural profession, they find that in some cases even leading architects are to-day simply using their brands as a figure-head, and are inserting in their specifications not only cheaper brands than theirs, but brands the wasters of which can be obtained and will be used. Consequently they have now taken the stand to simply ask the architect to drop their brands entirely if they are to be used with inferior goods, as they do not care to be held responsible by their clients when the roof proves inferior by reason of the use of cheaper material than they offer to the public. — From *Manufacturers' Record*, Baltimore, of February 9, 1889.

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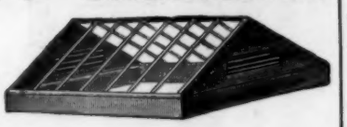

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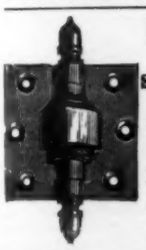

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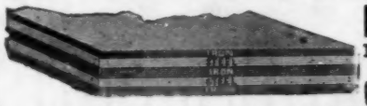

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Foundation:				
Dimension		5 00 ℔ ton	20 @	@ 5 00
Block		4 60 ℔ perch		Conshocken
Rubble		1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed	50 @ 6 00	75	50 @ 1 00	37 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		} 95 @ 1 16
Kibbe	@ 90	90 @ 1 10		
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	}
Berea } Ohio	75 @ 1 00	80 @ 90	45 @ 55	55 @ 1 00
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	}
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 40
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 00 @ 1 10
Caen	@	@ 2 00	"	1 25 @ 1 50
Carlisle, English	@ 1 05	80 @ 90		95 @ 1 10
Corse Hill (Scotch)	1 05			
Marble (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and Blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black		2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined		50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna		3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red		1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville		85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue			*Not sold.*	2 00 @ 3 00
Vermont, white		1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate; Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 0
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
" " Chapmans	— —	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am. ℔ M.			*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil,* ℔ *lb.*)				
White lead, Am.	7 @ 7½	7 @ 7½	6½ @ 7½	@ 7
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am.,	6½ @ 7	7 @ 7½	6½ @ 7½	@ 7
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. @ 60
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	@ 12
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" @ 18
Black, lamp,	15 @ 25	15 @ 25	8 @ 30	@ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw) } (℔ gal.)	56 @ 58	57 @ 58	56 @ 57	@ 56
" " boiled } (℔ gal.)	59 @ 61	60 @ 61	59 @ 60	@ 60
Turpentine } (℔ gal.)	47 @ 48	46 @ 49	47 @ 52	@ 54
Varnish, coach } (℔ gal.)	@	1 50 @ 5 00	1 25 @ 2 00	@ 2 75
Shellac } (℔ gal.)	@	2 50 @ 3 00	2 25 @ 4 00	@ 3 25
Putty	2 @	2 @ 4	02 @ 02½	@ 2
Whiting } dry	75 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.,) } dry	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Litharge, Am. } dry	5½ @ 6	5½ @ 6½	6½ @ 7½	@ 7
Sienna (burnt) } dry	14 @ 20	14 @ 20	4 @ 10	@ 14
Umber, " } dry	14 @ 20	14 @ 20	2 @ 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) **Spikes,** (*wrought.*)	@ 2 85		2 05 @	pr kg @ 2 10
10d. common	@ 2 60	@ 2 15	@ 2 15	@ 2 10
Shingle	@ 3 35	@ 2 65	@ 2 65	@ 2 40
Lath	@ 4 85	@ 3 65	@ 3 55	3 00 @ 3 50
Finishing nails according to size.)			Add .85 to $1.15	per ℔ 11 @ 14
(For casing nails add 75c. per keg.)			" .50 to .90	Add pr cask
Butts: 4"x 4" (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 44
Japanned	@ 1 50	@ 1 75	*Not sold.*	@ 1 57
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 75 @ 2 00
Ball Tip, Boston Finish. ℔ pair.	@ 65	@ 50	*Not sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (to cupboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony				@ 35
Apple wood				37 @ 1 00
Knobs: (℔ *Set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hemacite	*Not sold*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 1 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 %	22 @ 35
Sheet Lead		@ 6½		12 @ 13½
Lead Pipe		@ 6		6 @ 6½
Iron:				
I-Beams, up to and including 30 ft.	3 @ 3½	2 @ 3	@ 4	@ 2 8-10
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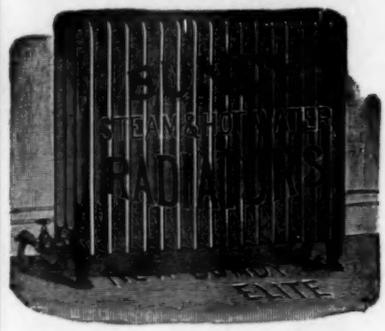

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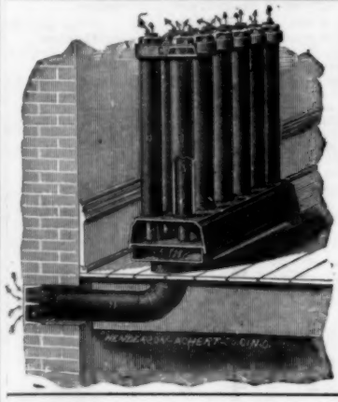

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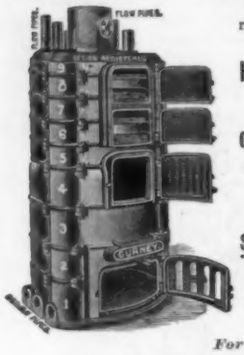

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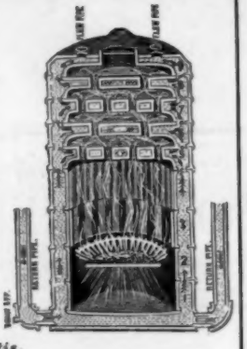

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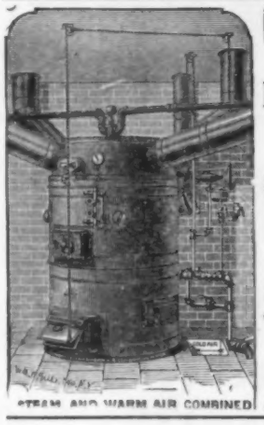

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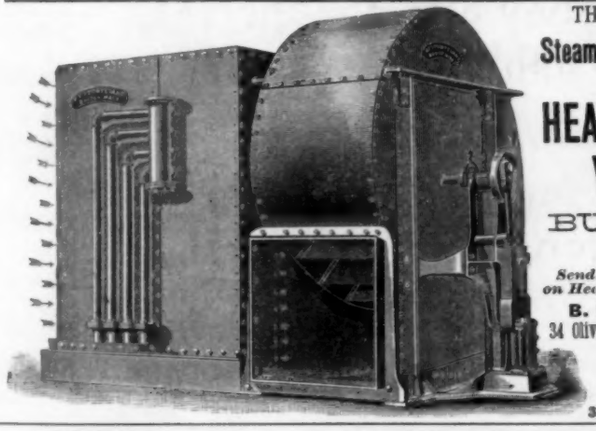

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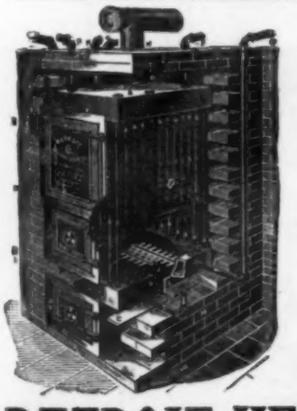

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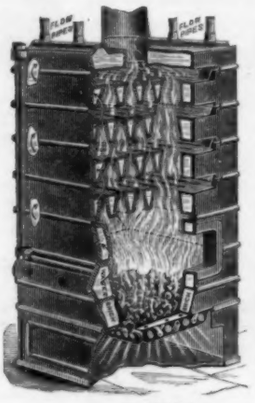

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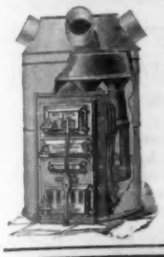

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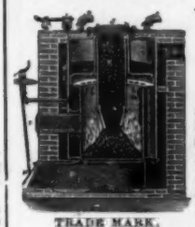

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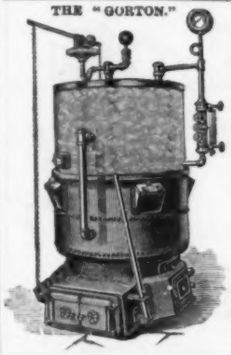

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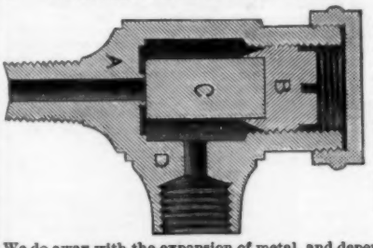

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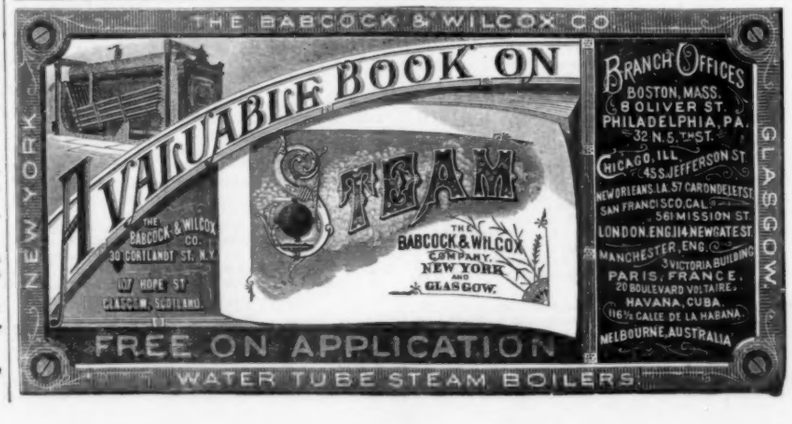

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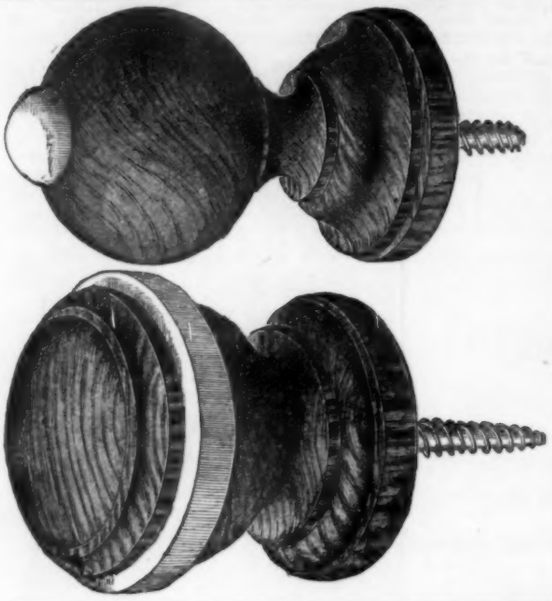

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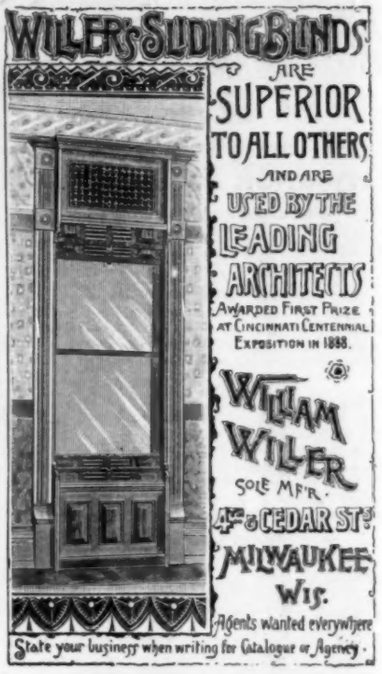

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Shawmut Ave., No. 364, cor. West Dedham St., new front to brick dwell. and store; owners, E. & R. S. Wade estate; builder, E. W. Selden.

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Minot St., rear, near opp. Billerica St., Ward 8, repair fire damage to freight-house; owners, B. & M. R. R.; builder, H. Basill.

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Concord, N. H.—*Main St.*, alterations to the Mechanics' National Bank; builder, E. B. Hutchinson; architects, Walker & Best, Boston.

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Plymouth, Mass.—Alterations to dwell. for G. F. Holmes; contract to be let; architects, Walker & Best, Boston.

Providence, R. I.—*Westminster St., No.* 28, new front and alterations; owners, William J. and Elisha Dyer; architects, Stone, Carpenter & Willson.

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Mrs. M. Wade, two-st'y flats, Nebraska St.; cost, $4,000; architect, P. McNally.

D. F. Groves, 3 two-st'y flats, Loomis St.; cost, $8,000; architect, W. H. Drake.

New York, N. Y.—*One Hundred and Twenty-fourth St.*, n s, 217' 10" e Tenth Ave., 2 five-st'y brick flats, tin roofs; cost, $40,000; owner, Deiderick Tragman, 2369 Eighth Ave.; architect, John C. Burne, 1531 Third Ave.

Ninth Ave., n e cor. Seventeenth St., five-st'y brick flats, tin roof; cost, $25,000; owner, L. & K. Ungrich, 160 West Thirty-third St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Eighth Ave., No. 404, five-st'y brick flats, tin roof; cost, $20,000; owner, Daniel D. Lawson, 144 West One Hundred and Third St.; architect, M. V. B. Ferdon, 272 Thirty-fourth St.

One Hundred and Tenth St., s s, 100' w Lenox Ave., 2 five-st'y brick flats, tin roofs; cost, $32,000; owner, Patrick Hogan, 1614 Lexington Ave.; architect, John C. Burne, 1531 Third Ave.

Second Ave., n w cor. Eighty-seventh St., 4 four-st'y brick flats, tin roofs; cost, $65,000; owners, Higgins & King, 138 East Eightieth St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Madison Ave., five-st'y brick flat, tin roof; cost, $19,000; owners, Pasinsky & Welson, 44 East Broadway; architects, Schneider & Herter, 48 Bible House.

One Hundred and Ninth St., n s, 100' w Lexington Ave., 2 five-st'y brick flats, tin roofs; cost, $15,500; owner, Hugh Reilly, 55 East One Hundred and Tenth St.; architect, Edward Wenz, 1491 Third Ave.

Eleventh Ave., n e cor. Twenty-sixth St., five-st'y brick flat, tin roof; cost, $30,000; owner, Henry Minken, 314 West Thirty-fourth St., architect, James W. Cole, 403 West Fifty-first St.

Henry St., No. 311, five-st'y brick flat, tin roof; cost, $18,000; owner, Isidor Obsttaum, 244 East Broadway; architects, Schneider & Herter, 48 Bible House.

West Twentieth St., No. 229, five-st'y brick flat, tin roof; cost, $20,000; owner, John Totten, 240 West Forty-ninth St.; architect, Geo. B. Pelham, 1481 Broadway.

St. Nicholas Ave., e s One Hundred and Eighteenth and One Hundred and Nineteenth Sts., nine apartments; cost, $400,000; owner, Geo. E. Baudet; architect, Richard R. Davis.

East Twenty-seventh St., No. 330, five-st'y apartment; owner, Alphonse Hogenauer; architect, B. W. Berger.

West Fourth St., Nos. 220-224, 3 five-st'y brownstone front apartments; architects, Herter Bros.

St. Louis, Mo.—Two-st'y and mansard brick flat; cost, $3,000; owner, Chas. Fisher; architect and contractor, T. F. Marley.

CHURCHES.

Baltimore, Md.—E. F. Baldwin is preparing plans for St. Lawrence Catholic Church, to be built cor. Fort Ave. and Townsend St., of bluestone, with tower 107′ high.

Minneapolis, Minn.—Norwegian and Danish Evangelical Lutheran Church, frame chapel, cor. Twenty-second St. and Twenty-fifth Ave., s; cost, $3,000.

Bloomington Ave. Presbyterian Church, stone church, cor. Bloomington Ave. and Twenty-seventh St., s; cost, $34,000.

Mt. Sterling, Ky.—The Baptists will build a church; cost, $20,000.

New York, N. Y.—*Fifth Ave.*, n e cor. One Hundred and Twenty-seventh St., new edifice; cost, $100,000; owners, St. Andrew's Church; architect, H. M. Congdon; contractors, Mahoney & Watson.

FACTORIES.

Chicago, Ill. — W. Jenkenson, three-st'y factory, La Salle St.; cost, $6,000; architect, G. Hinchliff.

New York, N. Y.—*One Hundred and Thirty-seventh St.*, n w cor. Locust Ave., one-s'ty brick factory, mansard, slate and gravel roof; cost, $7,000; owners, the Dels. Vergne Ref. Mach. Co., 157 Bank St.; architects, I. & S. Webber, 212 East Eightieth St.

Barclay St., No. 25, five-st'y brick factory, tin roof; cost, $10,000; owner, Geo. W. Welch estate, 233 Greenwich St.; architect, James E. Ware, 45 Broadway.

West Thirtieth St., No. 451, five-st'y brick factory, tin roof; cost, $10,000; owner, Ferguson, 357 West Twenty-ninth St.; architect, Hugh Getty, 357 West Twenty-ninth St.

Providence, R. I.—*Admiral and Oriental Sts.*, two-st'y brick mill; owners, Oriental Mills Co.

St. Louis, Mo.—Three-st'y brick factory; cost, $25,000; owners, Dodson Hils Mfg. Co.; architect, O. J. Wilhelme; contractor, A. H. Haeseler.

HOTELS.

Chicago, Ill.—I. L. Woollacott, owner, architect and builder, five-st'y hotel, North Park Ave.; cost, $15,000.

Minneapolis, Minn.—F. B. Mills, four-st'y brick hotel, cor. Fourth Ave., s and Grant St.; cost, $25,000.

Anderson Bros., three-st'y brick hotel, Second St., bel. First Ave., s; cost, $15,000.

HOUSES.

Albany, N. Y. — *Washington Ave.*, Perth Amboy brick and Ohio stone double dwell., 56′ x 74′; owners, Wm. B. and Dr. Howard Van Rensaalaer; contract to be let; architects, Longfellow, Alden & Harlow, Boston.

Thurlow Ave., brick and stone dwell., 50′ x 70′; owner, Mrs. John W. Field; contract to be let; architects, Walker & Best, Boston.

Auburndale, Mass.—Frame dwell., 53′ x 69′; owner, Mr. Pickard; architects, Rand & Taylor, Boston.

Baltimore, Md.—Jno. T. Legg, three-st'y brick building, s w cor. Orleans and Bond Sts.

Mary E. Myers, Trustee, 6 three-st'y brick buildings, w s Penn St., beg. s w cor. Hoffman St.

Jno. Trageser, 3 two-st'y brick buildings, beg. s e cor. Eden and Hoffman Sts.

Henry Reier, three-st'y brick building, s e cor. Ensor and Madison Sts.

C. M. Wartman, 9 two-st'y brick buildings, e s Bond St., s North Ave.

Thos. F. Locke, 8 two-st'y brick buildings, beg. n e cor. Calhoun and Chapel Sts.

H. Schildwaechter, 3 two-st'y brick buildings, e s Baker Alley, n Baker St.

Eintracht Singing Association, 3 two-st'y brick buildings, s w cor. Hull and Beason Sts.

A. C. Hanneman, 10 two-st'y brick buildings, n s Madison St., bet. Wolfe and Chapel Sts.; and 2 two-st'y brick buildings, n s Aliceanna St., w Rose St.

Chas. Kluter, three-st'y brick building, n s Aliceanna St., bet. Regester and Ann Sts.

Boston, Mass.—*Circuit St., Nos.* 32-34, Ward 21, 2 three-st'y frame dwells., flat roofs, 24′ x 57′; owner, J. G. Haynes; builder, G. W. Pope.

Brooks St., near Crosby and Hatton Sts., three frame dwells., 32′ x 40′; owner and builder, Michael Quirk.

Gold St., Nos. 225-229, Ward 15, 3 three-st'y frame dwells., flat roofs, 21′ x 33′; owners, Pearce Bros.; builder, W. T. Eaton.

Rand St., Ward 20, 2 three-st'y frame dwells., flat roofs, 24′ x 55′; owner, M. Scullion; builder, H. J. Bartlett.

East Eagle St., Nos. 111-113, *and Putnam St., Nos.* 48-52, cor. East Eagle St., Ward 1, 5 three-st'y frame dwells., flat roofs, 21′ 6″ x 34′; owners and builders, Emery & Small.

Savin Hill Ave., near Grampian Way, Ward 24, frame dwell., 30′ x 39′ 6″; owner, W. P. Snow; builder, J. H. Kellar.

Schuyler St., Nos. 35-37, Ward 21, two frame dwells., 30′ x 48′ and 28′ x 56′; owners and builders, Wood & Wetherbee.

Monadnock St., near Cedar Pl., Ward 20, 2 three-st'y frame dwells., flat roofs, 20′ x 48′; owner and builder, A. B. H. Chapin.

East Fourth St., No. 881, Ward 14, three-st'y frame dwell., flat roof, 23′ x 53′; owner, G. H. Bond; builder, W. T. Eaton.

Bennington St., No. 624, cor. Byron St., Ward 1, frame dwell., 22′ x 49′ 6″; owner, J. C. McCarthy; builder, J. G. Martin.

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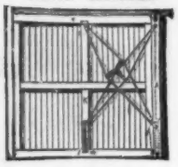

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BUILDING INTELLIGENCE.

Princeton St., Nos. 249-251, Ward 1, two frame dwells., 21′ 3″ x 44′; owner and builder, G. W. Hargrave.

Garfield Ave., near Corey St., Ward 23, frame dwell., 24′ x 24′; owner, J. S. Bailey; builder, G. H. Spear.

Corey St., opp. Garfield Ave., Ward 23, frame dwell., 30′ x 30′; owner, J. S. Bailey; builder, G. H. Spear.

Thornton St., near Ellis St., Ward 21, frame dwell., 21′ x 40′; owner, H. Wesling; builder, J. Schneider.

Unnamed St., off Corey St., Ward 23, six frame dwells., 30′ x 30′; owner, J. S. Bailey; builder, G. H. Spear.

Cottage St., near Batchelder St., Ward 20, 3 three-st'y frame dwells., flat roofs, abt. 25′ x 50′; owner and builder, R. W. Parker.

School St., No. 60, cor. Glines Pl., Ward 23, three-st'y frame dwell., flat roof, 24′ x 37′; owner, A. H. Koffman; builder, J. McDonald.

Prescott St., No. 49, Ward 1, frame dwell., 21′ 6″ x 33′; owner and builder, G. W. Hargrave.

Monadnock St., near Cedar Pl., Ward 20, three-st'y frame dwell., flat roof, 24′ x 48′; owner and builder, A. B. H. Chapin.

Elmore St., No. 47, Ward 21, frame dwell., 30′ x 50′; owner, Mrs. F. Atwood; builder, C. H. Blodgett.

Batchelder St., near Cottage St., Ward 20, three-st'y frame dwell., flat roof, 26′ x 45′; owner and builder, R. W. Parkes.

Meridian St., No. 423, junction Marion St., Ward 1, frame dwell., 26′ x 50′; owner, J. L. Walsh.

Beacon St., n s, e St. Mary St., Ward 22, 4 four-st'y brick dwells., flat roofs, 23′ x 58′; owner and builder, J. W. Shapleigh.

Bickford St., near Heath St., Ward 22, three-st'y frame dwell., flat roof, 23′ x 40′; owner, D. J. McGrath; builder, R. D. Ward.

Dorchester Ave., No. 747, cor. Hawell St., Ward 15, three-st'y frame dwell., 31′ x 44′; owner, Jas. Donnelly; builders, Hutchison & Henderson.

Pearl St., near Athol St., Ward 25, frame dwell., 24′ x 32′; owner and builder, S. N. Davenport.

Milton St., near Byron St., Ward 1, frame dwell., 22′ x 34′; owner, James Hines; builder, E. J. Turner.

Bennington St., No. 614, Ward 1, frame dwell., 22′ x 49′; owner, R. Fraser; builder, E. J. Turner.

Centre St., No. 368, Ward 23, three-st'y frame dwell., 23′ x 43′; owner, E. C. Burford; builder, A. Sunday.

Centre St., No. 597, Ward 23, frame dwell., 33′ x 62′; owner, C. F. Curtis; builder, J. D. Wester.

Edson St., near Norfolk St., Ward 24, frame dwell., 23′ 6″ x 46′ 6″; owner, Mary J. Hall; builder, E. O. Goodwin.

Faxon St., Nos. 21-23, Ward 22, 2 three-st'y frame dwells., flat roofs, 25′ x 37′; owner, J. Balnand; builder, R. D. Ward.

Fuller St., near Washington St., Ward 24, frame dwell., 16′ x 40′; owner, C. D. Parkes; builders, E. C. Benson & Co.

Amherst St., Ward 23, frame dwell., 22′ x 48′; owner, O. B. Cornell; builder, F. J. McGowan.

Birch St., near Prospect St., Ward 23, frame dwell., 20′ x 28′; owner, Mary Jordan; builder, F. W. Jordan.

Meridian St., No. 349, Ward 1, three-st'y frame dwell. and store, flat roof, 23′ x 58′; owner, W. L. Sturtevant; builder, J. S. Eastman.

Prospect St., near Birch St., Ward 23, frame dwell., 22′ x 48′; owner, Mary Jordan; builder, F. W. Jordan.

Brookline, Mass.—Two frame dwells., 36′ 6″ x 54′, with stable, 20′ x 35′; owner, J. J. E. Rothery; architects, Rand & Taylor, Boston.

Five frame dwells., 32′ x 41′, 36′ x 44′, 26′ x 39′, 34′ x 43′, 36′ x 52′; owner, D. H. McKay; architects, Rand & Taylor, Boston.

Gardner Rd., frame dwell., 47′ x 50′; owner, J. C. Kittredge; builder, B. W. Neal; architect, Cabot, Everett & Mead, Boston.

Coolidge Cor., frame dwell., 44′ x 50′, hard wood finish, plate glass; owner, Francis Hall; contract to be let; architect, J. Merrill Brown, Boston.

Brooklyn, N. Y.—*Bergen St.*, n s, 65′ w Brooklyn Ave., 3 three-st'y brick dwells., tin roofs; cost, $7,000 each; owner, Jordan L. Snedeker, Brooklyn Ave., cor. Dean St.; builder, Andrew Miller.

Warwick St., w s, 175′ s Arlington Ave., tow-st'y frame dwell., shingle roof; cost, $3,000; owner, D. A. Cobb, 845 Jefferson Ave.; builder, J. J. Neuman.

Greene Ave., s s, 130′ w Broadway, four-st'y brick dwell, tin roof; cost, $15,000; owner, architect and builder, B. F. Kilduff, 899 Lafayette Ave.

Bushwick Ave., e s, 20′ n Covert St., 8 two-st'y brownstone dwells., tin roofs; owner and builder, John Rueger; architect, F. Holmberg.

Herkimer St., s s, 180′ w Buffalo Ave., 8 two-st'y brick dwells., tin roofs; total cost, $18,000; owner, architect and builder, Christopher P. Skelton, 296 Sixth Ave.

Dodworth St., n s, 125′ e Broadway, 2 three-st'y frame (brick-filled) dwells.; cost, $7,600; owner, George Duerschmidt, 44 Beaver St.; architects, Schrempf & Loeffler; builder, A. Schunk.

BUILDING INTELLIGENCE.

Havemeyer St., n w cor. North Eighth St., four-st'y frame (brick-filled) dwell., tin roof; cost, $6,000; owner, Mrs. Holiday, on premises; architect, H. Vollweiler; builder not selected.

Duryea St., n s, 100′ e Bushwick Ave., 10 two-st'y frame (brick-filled) dwells., tin roofs; cost, $2,800 each; owner, architect and builder, C. D. Gascoine, 1225 Bushwick Ave.

Weirfield St., s s, 75′ w Bushwick Ave., three-st'y frame (brick-filled) dwell., tin roof; cost, $4,000; owner, architect and builder, same as last.

Monitor St., s e cor. Nassau Ave., three-st'y brick dwell., gravel and Akron tile roof; cost, $3,000; owner, Seth Low; architect, Wm. B. Tubby; builder, E. J. Randell.

Monitor St., e s, 20′ s Nassau Ave., 17 two-st'y brick dwells., gravel roofs; cost, $32,000; owner, architect and builder, same as last.

Herkimer St., n s, 30′ e Hopkinson Ave., two-st'y brick dwell., felt and gravel roof; cost, $4,000; owner, Henry C. Baker, 1108 Fulton St.; architect, A. Hill.

Fourth Ave., s e cor. Douglass St., four-st'y brick dwell., tin roof; cost, $6,500; owner, Joseph Morris, 513 Baltic St.; architect, J. W. Bailey; builder not selected.

Pilling St., n s, 71′ w Bushwick Ave., 2 two-st'y frame dwells., gravel roofs; cost, $2,300; owner, architect and builder, Joseph Hopkins, Jr., 269 Moffat St.

Cambridge, Mass.—*Follen St.*, frame dwell., 35′ x 50′; owner, P. T. Jackson; builders, Briggs Bros.; architects, Longfellow, Alden & Harlow, Boston.

Garden St., frame dwell., 30′ x 40′; owner, Dr. Goodale; contract to be let; architects, Longfellow, Alden & Harlow, Boston.

Park St., frame dwell., 36′ x 68′; owner, Prof. Taussig; builder, Reuben Edgett; architects, Walker & Best, Boston.

Chicago, Ill.—T. J. Brinkman, 2 two-st'y dwells., Stanton St.; cost, $10,000; architects, Willis & Pashley.

Foster & Young, 2 two-st'y dwells., Prairie Ave.; cost, $5,000; architect, C. Hoffman.

H. P. Haskin, two-st'y dwell., Walnut St.; cost, $2,500; architect, G. Prussing, Jr.

P. E. Stanley, four-st'y dwell., Bellview Pl.; cost, $15,000; architects, Burnham & Root.

W. P. Brudever, two-st'y dwell., Sawyer Ave.; cost, $2,500; architect, J. F. Latshaw.

W. Shaw, dwell., California Ave.; cost, $3,000; architect, W. Shay.

S. W. Roth, 6 two-st'y dwells., Sacramento Ave.; cost, $15,000; architect, W. T. Lasher.

C. B. McGuinness, three-st'y dwell., Prairie Ave.; cost, $15,000; architects, Burling & Whitehouse.

W. C. Newberry, three-st'y dwell., St. Clair St.; cost, $18,000; architect, W. L. B. Jenney.

W. D. Kerfoot & Co., two-st'y dwell., North Robey St.; cost, $4,000; architect, W. Ohlhaber.

Cincinnati, O.—U. U. Crothers, two-and-one-half-st'y dwell.; cost, $3,000; architect, Thornton Fitzhugh.

H. H. Shildmayer, two-and-one-half-st'y brick dwell.; cost, $6,000; architect, H. Baldman.

David Evans, one-st'y dwell.; cost, $3,500; architect, Robt. Rogers.

Mrs. Carrie W. Case, two-and-one-half-st'y frame dwell.; cost, $8,500; architects, S. Hannaford & Sons.

Samuel P. Post, Southern Ave., dwell.; cost, $10,000; architect, Jas. McLaughlin.

Mrs. R. Loth, two-and-one-half-st'y dwell.; cost, $3,000; architect, G. Drach, Huntington Pl.

Frank Struchler, three-st'y brick dwell. and store; cost, $9,000; architects, G. & A. Brink, Fourth and Centre Sts.

A. Stephenson, two-and-one-half-st'y brick dwell.; cost, $5,000; architects, S. Hannaford & Sons, Belle Pl.

R. West, two-and-one-half-st'y brick dwell.; cost, $5,000; architects, G. & A. Brink, Spring Grove Ave.

Jamaica Plain, Mass.—Frame dwell., 30′ x 48′; cost, abt. $5,500; owner, Wm. H. Rideing; builder, C. Kempton; architect, Sanford Phipps, Boston.

Rockview St., frame dwell., 27′ 8″ x 67′ 8″; cost, abt. $10,000; owner, Frederick G. Boynton; builder, F. W. Churchill; architects, Daniel Appleton & H. M. Stephenson, Boston.

Rockview St., frame dwell., 26′ 8″ x 45′ 2″; cost, abt. $6,000; owner, E. L. Caldwell; builder, F. W. Churchill; architects, Daniel Appleton and H. M. Stephenson, Boston.

Oakdale St., two frame double dwells., 38′ 2″ x 45′ 8″; cost, each, abt. $6,000; owners, Talbot estate; builders, G. A. Cahill & Co.; architects, Daniel Appleton & H. M. Stephenson, Boston.

Glen Rd., frame dwell., 32′ x 61′, plaster exterior; owner, G. W. Coffin; architects, Rand & Taylor, Boston.

Longwood, Mass.—Frame dwell., 28′ x 54′; owner, W. W. Potter; architects, Rand & Taylor, Boston.

Malden, Mass.—*Salem St.*, cor. Park St., frame dwell., 45′ x 63′, office and stable; cost, abt. $10,000; contract to be let; architect, G. Wilton Lewis, Boston.

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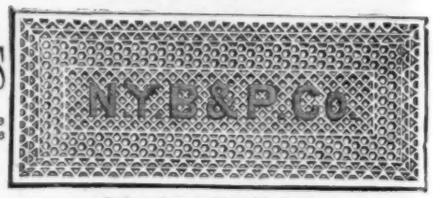

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Surplus over all Liabilities	3,250,778.61

BUILDING INTELLIGENCE.

Park Pl., frame dwell., 30′ x 35′; cost, $3,500; owner, J. H. Sargent; contract to be let; architect, G. Wilton Lewis, Boston.

Melrose, Mass.—Frame dwell., 38′ x 50′, with L for laundry; owner, Howard Greenleaf; contract to be let; architects, Bryant & Eaton, Boston.

Minneapolis, Minn.—J. L. Johnson, frame dwell., n e cor. Twenty-second St. and Eleventh Ave.; cost, $4,000.

F. E. Bertrand, frame dwell., Queen Ave., near Kenwood Ave.; cost, $4,500.

W. D. Gregory, frame dwell., Six-and-one-half Ave., s, near Franklin Ave.; cost, $3,000.

Carl Peterson, frame dwell., Twenty-seventh Ave., near Twenty-second St., s; cost, $4,000.

A. Edland, frame dwell., Twenty-fourth St., bet. Eleventh and Twelfth Aves., s; cost, $3,000.

John Neudburg, brick dwell., cor. Twenty-second St. and Twenty-seventh Ave., s; cost, $3,000.

H. Beemer, frame dwell., Grand Ave., bet. Thirty-ninth and Fortieth Sts., s; cost, $3,000.

J. W. Colliston, frame dwell., cor. Pleasant Ave. and Thirty-fourth St.; cost, $3,000.

Andrew Blomquist, frame dwell., Ilion Ave., near James Ave., n; cost, $3,300.

Robt. Jeffrey, frame dwell., Blaisdell Ave., bet. Thirty-second and Thirty-third Sts.; cost, $3,600.

Mrs. G. M. Graham, frame dwell., cor. Grand St. and Twenty-seventh Ave., n e; cost, $3,000.

Winter & Gauley, frame dwell., Aldrich Ave., s, bet. Twenty-sixth and Twenty-seventh Sts.; cost, $5,500.

P. J. Breen, frame dwell., Seven-and-one-half Ave., s, bet. Twenty-sixth and Twenty-seventh Sts.; cost, $4,000.

BUILDING INTELLIGENCE.

Ingham, 2 two-st'y frame dwells., 3042 Fifth Ave., s; cost, $6,000.

C. A. Proctor, frame dwell., 2914 Park Ave.; cost, $6,000.

H. C. Carlisle, frame dwell., 2209 Fifth Ave., s; cost, $6,000.

J. C. Voelker, frame dwell., 600-602 Adams St., n e; cost, $5,000.

S. E. Hatfield, frame dwell., 2429 First Ave., s; cost, $6,000.

Henry Johnson, frame dwell., cor. Twenty-second St. and Twenty-sixth Ave., s; cost, $4,500.

Newton Centre, Mass.—Frame dwell., 34′ x 38′, stable, 22′ x 30′; owner, W. O. Knapp; architects, Rand & Taylor, Boston.

Double frame dwell., 36′ x 48′; owner, A. Muldoon; architects, Rand & Taylor, Boston.

Newton, Mass.—Stone and frame dwell., 44′ x 48′; owner, Geo. H. Hastings; architects, Rand & Taylor, Boston.

Frame dwell., 25′ x 54′; owner, H. F. Ross; architects, Rand & Taylor, Boston.

New York, N. Y.—*Eighty-seventh St.*, s s, 33′ e Ninth Ave., 5 four-st'y brick dwells., tin roof; cost, $100,000; owner, C. D. Milliken, 2134 Seventh Ave.; architect, John G. Prague, 1512 Broadway.

Madison Ave., n w cor. Ninety-second St., 5 three-st'y brick dwells., tin roofs; cost, $67,000; owner, Walter Reid, 1269 Madison Ave.; architect, A. B. Ogden, 1031 Madison Ave.

One Hundred and Twenty-sixth St., n s, 90′ w Third Ave., three-st'y brick dwell., tin roof; cost, $10,000; owner, James Doran, 1666 First Ave.; architect, Andrew Spence, 2294 Third Ave.

BUILDING INTELLIGENCE.

One Hundred and Sixty-ninth St., s s, 100′ w Tenth Ave., two-st'y brick dwell., tin roof; cost, $4,500; owner, Minna Lober, One Hundred and Seventy-first St., near Eleventh Ave.; architect, Chas. M. Young, One Hundred and Sixty-eighth St. and Tenth Ave.

Seventy-first St., s s, 225′ w Eighth Ave., 4 four-st'y brick dwells., tin roofs; cost, $80,000; owner, John Ruddell, 101 West One Hundred and Twenty-first St.; architect, G. A. Schellinger, 128 Broadway.

Philadelphia, Pa.—*Hortter St.*, w s, n Musgrove St., two-st'y brick dwell.; owner, Martin Hetzel, 45 Church St., Germantown.

Fletcher St., s s, bet. Twenty-sixth and Twenty-seventh Sts., 4 two-st'y brick dwells.; builder, William F. Albrecht, 2341 North Twenty-ninth St.

Bancroft St., e s, bet. Dauphin St., 19 two-st'y seven-room brick dwells., and one on w s; owner, Hugh McNeile, Ninth St. and Moyamensing Ave.

Taney St., n Poplar St., 2 two-st'y brick dwells.; contractor, Jacob Reimer, 2739 Poplar St.

Effingham St., w s, n Tasker St., 3 two-st'y brick dwells.; owner, William Rowan, 929 South Eleventh St.

Newkirk St., No. 2648, s s, two-st'y brick dwell.; owner, A. McClay, 3026 Richmond St.

Haverford Ave., No. 3405, 4 three-st'y brick dwells.; owner, William J. Shedwick, 618 North Thirty-fourth St.

Thompson St., n s, bet. Fifteenth and Sixteenth Sts., three-st'y brick dwell.; owner, John T. Sanders, 2140 North Sixteenth St.

South Second St., No. 1612, two-st'y brick dwell.; owner, J. W. Kuhn, 917 South Fourth Ave.

Frankford Ave., e and w s Clearfield St., 18 two-st'y brick dwells.; owner, E. L. Heist, 816 West Lehigh Ave.

Clearfield St., s s, w Frankford Ave., three brick dwells.; owner, M. L. Leist, 816 West Lehigh Ave.

Emerald St., w s, bet. York and Ella Sts., two-st'y brick dwell.; owner, Frederick Dietrich, 2677 Frankford Ave.

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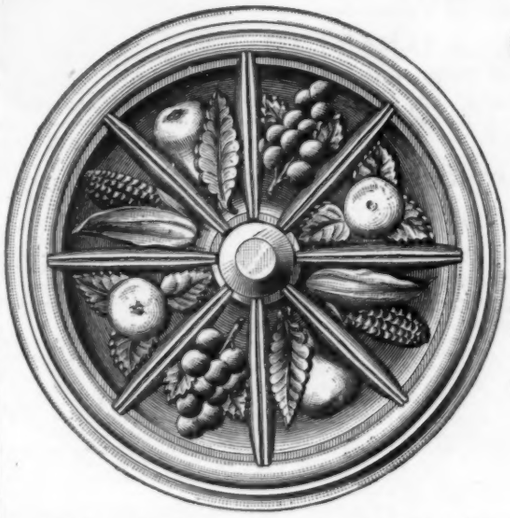

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Indiana Ave., s s, w Fifteenth St., 8 two-st'y and 4 three-st'y brick dwells., of which two will have stores; owner, W. H. Bilyeau, Fifteenth St. and Indiana Ave.

Cedar St., No. 2210, two-st'y brick dwell.; contractor, S. B. Matluck, 113 Oxford St.

Sixty-fifth St., n w cor. Buist Ave., two-st'y frame dwell.; contractor, J. D. Conner, 6220 Buist Ave.

York St., No. 2323, three-st'y dwell.; builder, Charles Bosser, 2114 Marshall St.

Lauriston St., s s, e Ridge Ave., two-and-one-half-st'y brick dwell.; owner, James S. Peasgood, 567 James Ave.

Wellington St., e s, ab. Montgomery Ave., 12 two-st'y brick dwells.; owner, John Stafford, 1509 Susquehanna Ave.

Oxford St., n s, e Mulberry St., 12 stone and brick dwells.; owners, R. C. Weinals & Bro., 463 Worth St., Frankford.

Diamond St., n s, bet. Seventeenth and Eighteenth Sts., 8 three-st'y brick buildings; owner, John Stafford, 1509 Susquehanna Ave.

Fifteenth St., ab. Tioga St., 2 two-st'y brick dwells.; owner, Wm. J. Rhune, Twenty-second and Tioga Sts.

Pine St., s s, w Twenty-sixth St., 10 two-st'y brick dwells.; builder, G. W. Hopkins, 1432 Vine St.

Bley St., w s, s Clearfield St., 3 two-st'y brick dwells.; owners, Dickson Bros., 3045 Frankford Ave.

Sixth St., w s, n Pike St., 2 two-st'y brick dwells.; owners, Shackelton & Priestly, Seventeenth and Wingohocking Sts.

Garnet St., s s, e Somerset St., two-st'y brick dwell.; contractor, W. A. Rowson, 406 East Cambria St.

Freeland Ave., n Roxborough Ave., 10 two-st'y stone dwells.; builder, Howard R. Yocum, 410 Lyceum Ave., Roxborough, Pa.

Aspen St., s s, ab. Fiftieth St., 2 two-st'y brick dwells.; owner, Daniel Fleuger, 430 North Fiftieth St.

Eighth St., s w cor. Jackson St., 7 two-st'y brick dwells. and store; owner, M. McManus, 313 North Second St.

Vine St., No. 1424, w Broad St., four-st'y brick building; builders, Stacy Reeves & Sons, 1611 Filbert St.

South Twentieth St., Nos. 1628-1630-1632, 3 two-st'y brick dwells.; owner, William Forbes, 2031 Reeds St.

Taney St., e and w s, bet. Montgomery and Ridge Aves., 31 two-st'y brick dwells.; owner, John Stafford, 1509 Susquehanna Ave.

Fifteenth St., e s, bet. Diamond St. and Susquehanna Ave., 24 three-st'y brick dwells. and three-st'y store; owner, John Stafford, 1509 Susquehanna Ave.

Gerler and Summer Sts., six brick dwells.; owner, C. W. Cox, 826 Federal St., Camden, N. J.

Palethorp St., w s, ab. Norris St., 4 two-st'y brick dwells.; owner, William Techlenburg, 614 Cadwallader St.

Wilder St., n s, s Garrett St., 12 two-st'y brick dwells.; builder, William Henderson, 1930 Ellsworth St.

State St., e s, bet. Powelton Ave. and Baring St., 2 two-st'y brick dwells.; builder, Frank H. Vogdes, 3907 Aspen St.

Janney St., w s, s Clearfield St., 6 two-st'y brick dwells.; owner, Owen McArdle, 2544 East Lehigh Ave.

Janney St., s w cor. Clearfield St., 8 two-st'y brick dwells.; owner, Owen McArdle, East Lehigh Ave.

Westminster Ave., s s, bet. Forty-fifth and Forty-sixth Sts., 13 two-st'y brick dwells.; owner, Edgar C. Howell, Bristol, Pa.

Laird St., n s, bet. Forty-fifth and Forty-sixth Sts., 7 two-st'y brick dwells.; owner, Edgar C. Howell, Bristol, Pa.

Forty-fifth St., w s, s Westminster Ave., 4 two-st'y brick dwells.; owner, Edgar C. Howell, Bristol, Pa.

Forty-sixth St. e s, s Westminster Ave., 4 two-st'y brick dwells.; owner, Edgar C. Hovell, Bristol, Pa.

Wallace St., No. 3730, two-st'y brick dwell.; owner, Arthur F. Wadsworth, e s Sixth and Jefferson Sts.

Sixteenth St., w s, bet. Susquehanna and French Aves., 4 three-st'y brick dwells.; owner, John Stafford, 1509 Susquehanna Ave.

Seventeenth St., w s, bet. Diamond and Edgeley Sts., 4 three-st'y brick dwells.; owner, John Stafford, 1509 Susquehanna Ave.

Ridge Ave., s s, w Twenty-sixth St., two three-st'y dwells. and store; owner, John Stafford, 1509 Susquehanna Ave.

Susquehanna Ave., s s, bet. Broad and Fifteenth Sts., 2 three-st'y dwells.; owner, John Stafford, 1509 Susquehanna Ave.

Twenty-sixth St., w s, cor. Ridge Ave., three-st'y brick dwell.; owner, John Stafford, 1509 Susquehanna Ave.

Seneca St., n s, bet. Forty-fifth and Forty-sixth Sts., 15 two-st'y brick dwells.; builder, John Bateson, Jr., 4505 Lancaster Ave.

Fairview Ave., n s, ab. P., G. & N. R. R., two-st'y dwell.; owner, Henry I. Becker, Falls of Schuylkill.

East Girard Ave., No. 512, two-st'y brick dwell.; owners, James Macaulay & Sons, 1328 East Montgomery Ave.

Twenty-second St., n w cor. Reed St., two-st'y brick dwell.; owner, Robert Paul, 2137 Federal St.

Eyre St., w s, s Palmer St., 2 three-st'y brick dwells.; owners, James Macaulay & Sons, 1328 East Montgomery Ave.

Twenty-second St., n w cor. Reed St., 6 two-st'y brick dwells.; owner, Robert Ford, 2137 Federal St.

Ontario St., bel. Jasper St., two-st'y brick dwell.; owners, Arthur & Husband, 2373 Aramingo St.

Cheltenham Ave., n w s, n e Anderson St., two-st'y brick dwell.; owner, Charles H. Bowditch, 33 Lafayette St., Germantown.

Moore St., s e cor. Rosewood St., 3 one and two st'y brick and marble dwells.; owner, D. L. Flanagan, 1509 Arch St.

Woodland Ave., n s, e Forty-ninth St., three-st'y brick dwell.; owner, Daniel Green, 4304 Ludlow St.

Forty-fifth St., e s, n Seneca St., 6 two-st'y brick dwells.

Seventh St., e s, bet. York and Cumberland Sts., two dwells.; owner, D. B. Wendle, 2452 Frankford Ave.

North Forty-forth St., No. 1120, two-st'y brick building; owner, Joseph R. Brown, 3916 Melon St.

Clinton St., w s, n Tabor St., two-st'y brick dwell.; owner, Lemuel Altemus, Olney, Pa.

G St., e s, *and Robins St.*, n s, two-st'y brick and frame dwell.; owner, Lemuel Altemus, Olney, Pa.

Twenty-ninth St., e s, s Clearfield St., 2 two-st'y brick dwells.; owners, McLaughlin & McNamara.

Twenty-second St., w s, s Cambria St., two-st'y brick dwell.; owners, McLaughlin & McNamara.

Providence, R. I.—*Waverly St.*, frame dwell.; cost, $3,000; owner, Chas. Stone; builder, A. C. Manchaster.

Brook and Meeting Sts., frame dwell.; owner, Henry Pitman; builder, Robert Paterson.

Camp St., w s, *and Doyle Ave.*, two frame dwells.; cost, each, $3,000; owner, E. L. Spink; builder, K. B. Forbes.

Knight and Carpenter Sts., two frame dwells. and alterations to cottage; cost, $11,000; owner, Mrs. Mary A. Gardner; architects, Stone, Carpenter & Willson; builders, Wm. Gilbane & Bro.

Gesler St., two-st'y frame dwell.; cost, $3,350; owner, Jos. F. Janson; builder, Andrew Murphy.

Chapin Ave., near Sycamore St., two-st'y frame dwell.; cost, $4,500; owner, Benj. F. Arnold; builder, A. Z. Horton.

Asia and Knight Sts., two-st'y dwell., French roof; cost, $6,000; owners, Mrs. Hitchcock & Williams; day-work.

Roxbury, Mass.—*Waumbeck St.*, frame dwell., 35′ x 42′, with L 18′ x 18′; owner, D. B. Whittier; contract to be let; architects, Walker & Best, Boston.

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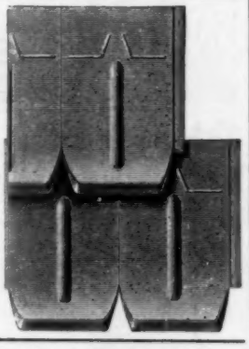

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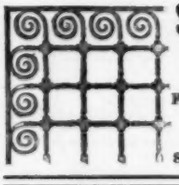

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BUILDING INTELLIGENCE.

Somerville, Mass.—*Mason Ave.*, frame dwell. and stable, dwell., 31′ 6″ x 50′; cost, abt. $5,000; owner, W. A. Hunnewell; builder, Stephen Baker, North Cambridge; architects, Daniel Appleton & H. M. Stephenson, Boston.

Summer and Harvard Sts., four frame dwells., 28′ x 42′, 26′ x 44′, 27′ x 42, 26′ x 40′; owner, Christopher E. Rymes; contract to be let; architect, Geo. F. Loring, Boston.

St. Louis, Mo.—Two adjacent two-st'y and mansard brick dwells.; cost, $5,000; owner, Robt. Sheehan; contractor, H. C. Brinkmeyer.

Two-st'y brick dwell.; cost, $4,700; owner, Aug. Wolff; architect, C. C. Helmers; contractors, C. Gerhardt & Son.

Two adjacent two-st'y and mansard brick dwell.; cost, $4,300; owner, H. Roman; architect and contractor, L. Horman.

Two-st'y brick dwell.; cost, $2,800; owner, J. D. Brien; contractors, Goesse & Remmers.

Two-st'y brick dwell.; cost, $4,900; owner, C. A. Eberle; architect, F. Brown; contractor, F. Dielenheim.

Two-st'y brick dwell.; cost, $4,000; owner, J. Morrison; sub-let.

Three-st'y brick dwell.; cost, $20,000; owner, H. E. Bridge; architects, Eames & Young; contractor, Samuel Martin.

Two-st'y brick dwell.; cost, $2,500; owner and contractor, C. C. Newberry.

Two-st'y brick store and rooms; cost, $4,000; owner, Aug. F. Boerm; architect, A. Beinke; contractors, W. Herkenhoff & Bro.

Two-st'y and mansard brick dwell.; cost, $4,500; owner, Mrs. J. Carpenter; architect, F. Brown; contractor, T. J. Kelly.

Three adjacent two-st'y brick dwells.; cost, $6,-553; owner, S. Dempsey; architects, P. F. Meagher & Son; contractor, John Waters.

Three adjacent two-st'y brick dwells.; cost, $3,-200; owner, Jacob Kuhn; architect, W. C. Schafer; contractor, P. Tiermann.

Two-st'y frame and brick dwell.; cost, $2,800; owner, John Strange; contractor, D. W. Balmer.

Two-st'y brick dwell.; cost, $3,000; owner, C. Baker; contractor, F. Giese.

Two-st'y brick dwell.; cost, $2,500; owner, Geo. Schoch; contractor, F. Mueller.

Two-st'y brick dwell.; cost, $3,400; owner, C. E. Burky; contractor, F. Mueller.

Four adjacent two-st'y brick dwells.; cost, $11,-000, owner and contractor, B. M. Proetz.

Two-st'y adjacent and mansard brick dwell.; cost, $5,000; Jos. Weimayer; contractor, J. H. Frey.

Three-st'y brick dwell.; cost, $4,200; owner, Mrs. L. Kerchue; architect, C. F. May; contractors, S. Quanto & Son.

Row of two-st'y brick dwells., cost, $14,000; owner and architect, A. M. Baker; sub-let.

Two-st'y brick dwell.; cost, $4,000; owner, Henry Goodman; contractors, Millburn & Bich.

Two-st'y and mansard brick dwell.; cost, $3,000; owner, Henry Wolgen; contractor, A. Vosse.

Two-st'y brick dwell.; cost, $3,000; owner, Geo. F. Heffernan; architect, A. W. Swasey; contractor, J. H. Keefe.

Two adjacent two-st'y brick dwells.; cost, $5,000; owner, F. Gausmann; contractor, H. Erdbrugger.

Two adjacent two-st'y and mansard brick dwells.; cost, $4,000; owner, H. Cordes; contractor, P. Tiernan.

Four two-st'y brick dwells.; cost, $12,000; owner and contractor, J. Lanenborg.

Frame dwell., 40′ x 100′; owner, H. S. Turner; contract to be let; architects, Longfellow, Alden & Harlow, Boston.

West Newton, Mass.—Two double frame dwells., 28′ x 54′, and 31′ x 38′; owner, L. G. Pratt; architects, Rand & Taylor, Boston.

West Somerville, Mass.—*Holland St.*, double frame dwells., 35′ x 48′, two L's, 17′ x 18′; owner, Robert A. Miner; contract to be let; architect, J. F. Eaton, Boston.

Winthrop Highlands, Mass.—Two frame dwells., 24′ x 40′; owner, H. H. Hutchins; contract to be let; architect, Geo. F. Loring, Boston.

OFFICE-BUILDINGS.

New York, N. Y.—*Fulton St., No.* 124, s e cor. Nassau St., six-st'y brick office, concrete roof; cost, $75,-000; owner, Frank Raub, 58 East Seventh St.; architects, De Lemos & Cordes, 146 Broadway.

PUBLIC BUILDINGS.

Burlington, Vt.—Extension of book-room of the Billings Library, stone, 26′ 6″ x 45′; cost, $15,700; architects, Shepley, Rutan & Coolidge, Boston; builders, Norcross Bros., Boston.

Montreal, Canada.—James R. Rhind has been appointed assistant architect to H. Sayre Snell, Esq., F. R. I. B. A., M. C. S. I., F. M. S., etc., London, on the Royal Victoria Hospital, the munificent gift of Sir Donald A. Smith and Sir George Stephen, Bart., to the city. Mr. Snell is a specialist in hospital construction and arrangement, and has built many of the largest and most important hospitals in the old country.

SCHOOL-HOUSES.

Mt. Sterling, Ky.—School will be built; cost, $25,000.

STABLES.

Manchester, Mass.—*Essex Rd.*, frame stable, 24′ x 48′; owner, Edward Robinson; architects, Walker & Best, Boston; builder, Robertson Hoare.

STORES.

Brooklyn, N. Y.—*Hicks St.*, w s, 25′ n Poplar St., five-st'y brick stores and tenement, gravel roof; cost, $4,500; owner and architect, J. G. Glover, 186 Remsen St.; builder not selected.

Fourth Ave., n e cor. Twenty-seventh St., 2 three-st'y frame (brick-filled) stores and tenements, tin roofs; total cost, $8,000; owner, Daniel Ryan, Third Ave., near Twenty-eighth St.

Myrtle Ave., n s, 87′ w Harman St., 3 three-st'y frame (brick-filled) stores and tenements, tin roofs; cost, each, $4,500; owner, Darwin R. James, 282 Throop Ave.; architect and contractor, Geo. Ochs; mason, J. Miller.

Fifth Ave., n w cor. Douglass St., four-st'y brick store and flat, tin roof; cost, $10,000; owner and builder, Owen Nolan, 340 Union St.; architect, I. D. Reynolds.

Wyckoff Ave., w s, 50′ s Ralph St., three-st'y frame (brick-filled) store and tenement, tin roof; cost, $4,-500; owner and builder, Ludwig Runtz, 1461 Gates Ave.; architect, H. Lanzer.

Weirfield St., s w cor. Evergreen Ave., 2 three-st'y frame stores and tenements, tin roofs; cost, $4,000; owners and builders, Cozine & Gascoine, 1223-1225 Bushwick Ave.; architect, H. Vollweiler.

Central Ave., w s, 25′ n Bleecker St., three-st'y frame (brick-filled) store and tenement, tin roof; cost, $4,800; owners, L. Beer and M. Schaffner, 78 Broad St., New York; architect, F. Holmberg.

Vigelius St., s s, cor. Evergreen Ave., three-st'y frame (brick-filled) store and tenement, tin roof; cost, $5,600; owner, M. Mayen, on premises; architects, Hummel & Schrempf; builders, Mullen & Hummel.

Bushwick Ave., n e cor. Eldert St., three-st'y brownstone store and dwell., tin roof; cost, $6,000; owner and builder, John Rueger, 250 Moore St.; architect, F. Holmberg.

Central Ave., e s, 25′ s Suydam St., three-st'y frame store and tenement, tin roof; cost, $4,800; owner and builder, Chr. Hahn, 626 Central Ave.; architect, F. Holmberg.

Tompkins Ave., w s, 20′ n Hancock St., 3 four-st'y brick stores and flats, tin roofs; cost, each, $9,000; owner, architect and builder, same as last.

Tompkins Ave., n w cor. Hancock St., four-st'y brick store and flat, tin roof; cost, $10,000; owner, architect and contractor, same as last.

Myrtle Ave., n s, 57′ e Washington St., two-st'y brick store, tin roof; cost, $6,000; owner, F. G. Lemmermann, 249 Clermont St.; architect, C. F. Eisenach; builder not selected.

Cincinnati, O.—Two-and-one-half-st'y store and tenement; cost, $12,000; architect, Jas. McLaughlin, Gilbert Ave.

Minneapolis, Minn.—L. C. Remund, three-st'y brick stores and flats, Lake St., near Nicollet Boulevard; cost, $7,000.

J. F. Collom, 6 six-st'y brick stores, 200-210 North Second St.; cost, $60,000.

M. C. White, four-st'y brick stores and flats, 111-113-115-117 Central Ave.; cost, $40,000.

Giesbach & Hanson, frame store, 1102-1104 Washington Ave., s; cost, $3,800.

W. M. & C. H. Russell, brick store, 217-219 Washington Ave., n; cost, $3,000.

Ole Dahl, three-st'y brick store and flats, Franklin Ave., bet. Eleventh and Thirteenth Aves., s; cost, $10,000.

Wesley, Neil & Co., two-st'y brick store, 106 First St., n; cost, 4,500.

E. E. Nelson, frame store, cor. Twenty-fourth St. and Twenty-sixth Ave., s; cost, $4,000.

Peter Dietrihs, three-st'y brick store, cor. Washington and Plymouth Aves.; cost, $12,000.

St. Louis, Mo.—Store and rooms; cost, $3,000; owner, L. Keungh; architect, A. M. Baker; sub-let.

Two-st'y brick store and rooms; cost, $4,400; owner, Fred. Hyman; architect, Aug. Beinke; contractors, Auger & Riedisser.

Two-st'y brick store and rooms; cost, $4,000; owner, Jos. Sternberg; architect, H. Lemm; contractor, J. Ratz.

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Dobb's Ferry, N. Y.—Stone and granite railway station, 25′ x 75′, for New York Central & Hudson River R. R.; cost, $14,926; architects, Shepley, Rutan & Coolidge, Boston; builders, Norcross Bros., Boston.

Irvington, N. Y.—Stone and granite railway station, 21′ x 52′, for the Central & Hudson River R. R.; cost, $9,900; architects, Shepley, Rutan & Coolidge, Boston; builders, Norcross Bros., Boston.

Riverdale, N. Y.—Stone and granite railway station, 21′ x 45′, for New York Central & Hudson River R. R.; cost, abt. $8,827; architects, Shepley, Rutan & Coolidge, Boston; builders, Norcross Bros., Boston.

Wellesley, Mass.—Stone and granite railway station, 38′ x 90′, for Boston & Albany R. R.; cost, $17,140; architects, Shepley, Rutan & Coolidge, Boston; builders, Norcross Bros., Boston.

TENEMENT-HOUSES.

Brooklyn, N. Y.—*Clason Ave.*, w s, 100′ s De Kalb Ave., 6 four-st'y brick tenements, gravel roofs; total cost, $48,000; owner and builder, Thos. H. Brush, Schenck St., near Lafayette Ave; architect, J. G. Glover.

Wyckoff Ave., n e cor. Linden St., three-st'y frame (brick-filled) store and tenement, tin roof; cost, $4,800; owners and builders, Rissler & Todebush, Gates St., cor. Irving Ave.; architect, B. Finkensieper.

Central Ave., e s, 25′ s Suydam St., 2 three-st'y frame (brick-filled) stores and tenements, tin roofs; total cost, $9,200; owner and builder, Ch. Hahn, 262 Central Ave.; architect, F. Holmberg.

Central Ave., s e cor. Suydam St., three-st'y frame (brick-filled) tenement, tin roof; cost, $4,800; owner, architect and builder, same as last.

Central Ave., n w cor. Bleecker St., three-st'y frame store and tenement, tin roof; cost, $9,500; owners, S. Beer and Mich Shaffner, 78 Broad St., New York; architect, F. Holmberg.

Herkimer St., s w cor. Ocean Pl., three-st'y brick store and dwell., gravel roof; cost, $5,000; owner, Henry C. Baker, 1108 Fulton St.; architect, E. Nesler.

Hancock St., n w cor. Sumner Ave., four-st'y brick tenement, tin roof; cost, $12,000; owner, Wesley C. Bush, 750 Union St.; architect, J. E. Dwyer.

Graham Ave., w s, 50′ s Cook St., four-st'y frame tenement, tin roof; cost, $6,000; owner, M. Buchanan, 42 Humboldt St.; architect, John Platte; builders, J. Wagner, Jr., and Wm. Baver.

McDougal St., No. 47, three-st'y frame (brick-filled) tenement; cost, $5,000; owner, Chr. Diefenbach, 96 Sumpter St.; builder, J. Pirrung.

Ainslie St., No. 193, n s, 125′ w Ewen St., three-st'y frame (brick-filled) tenement, tin roof; cost, $5,000; owner, Philip Seibert, 114 Devoe St.; architect, Th. Engelhardt; builder, D. Kreuder.

Melrose St., n s, 275′ e Central Ave. (front), three-st'y frame tenement, tin roof; cost, $3,600; owner, John Bauer, on premises; architect, H. Vollweiler; builders, Miller & Stoock.

Troutman St., No. 46, three-st'y frame (brick-filled) tenement, tin roof; cost, $5,000; owner, Fred. Kaiser, on premises; architect, E. Dennis.

Franklin Ave., No. 95, e s, 130′ s Park Ave., four-st'y frame (brick-filled) tenement, gravel roof; cost, $7,000; owner and mason, Chas. Collins, 193 Franklin Ave.; architect, J. G. Glover; contractor not selected.

Pennsylvania Ave., e s, 100′ s Jamaica Ave., three-st'y frame tenement, tin roof; cost, $5,000; owner, J. F. Borst, 1490 First Ave., New York; architect, C. Infanger; builder, J. Pirrung.

Fifth Ave., w s, 20′ n Douglass St., 2 four-st'y brick stores and flats, tin roofs; cost, each, $14,000; owner and builder, Owen Nolan, 340 Union St.; architect, I. D. Reynolds.

Hull St., n s, 225′ w Saratoga Ave., 3 four-st'y brick stores and tenements, tin roofs; cost, each, $8,500; owner and architect, Daniel Lauer, 684 Herkimer St.; builders, C. Bauer and Weeks & Lauer.

Norman Ave., n s, 50′ w Newell St., 2 three-st'y frame stores and tenements, gravel roofs; total cost, $11,000; owners, Peter and Robert Schmitt, 99 Norman Ave.; architect, F. Weber; builders, B. Cobb and J. Cashman.

Cincinnati, O.—Jno. Mayborg, three-and-one-half-st'y brick tenement; cost, $3,200; architects, G. & A. Brink.

Minneapolis, Minn.—S. A. Lendgren, two-st'y brick tenement, Fifth St., bet. Cedar and Nineteenth Aves., s; cost, $6,000.

Edward Larelle, two-st'y frame tenement, Sixteenth Ave., s, near Fourth St.; cost, $4,000.

A. Bergman, three-st'y brick tenement, n e cor. Eighteenth St. and Ninth Ave., s; cost, $30,000.

Geo. H. Brown, frame tenement; cor. Twelfth Ave., s, and Eighth St.; cost, $40,000.

Geo. H. Brown, frame tenement, cor. Ninth St. and Ninth Ave., s; cost, $40,000.

New York, N. Y.—*Fifty-ninth St., No.* 410, five-st'y brick tenement, tin roof; cost, $14,000; owner, John McCram, 410 East Fifty-ninth St.; architects, J. Boekell & Son, 54 Bond St.

Downing St., No. 10, five-st'y brick tenement, tin roof; cost, $12,500; owner, Lena Hey, 38 Charleton St.; architect, Chas. Sturtzkober, 139 First Ave.

St. Louis, Mo.—Two-st'y brick tenement; cost, $3,000; owner, John Walsh; contractors, Henner & Bro.

BUILDING INTELLIGENCE.

WAREHOUSES.

St. Louis, Mo.—One-st'y brick warehouse; cost, $5,500; owner, Theo. Couch; sub-let.

MISCELLANEOUS.

Boston, Mass.—*Smyrna St.*, cor. Binney St., four-st'y brick and stone building, 50′ x 100′, pitch roof, for the Massachusetts Home for Intemperate Women; cost, abt. $50,000; architect, J. Philip Rinn, Boston; builders, C. F. Foss & Co., Lowell, masons; J. W. Clark, carpenter.

East Chester Pk., near Swett St., Ward 20, three-st'y frame factory, 72′ x 88′, flat roof; owner and builder, Hiram Nash.

Brooklyn, N. Y.—*Degraw St.*, s s, on the west bank of the Gowanus Canal, one-st'y frame coal-pocket, board roof; cost, $4,000; owners, Nelson & Son, on premises.

Cambridge, Mass.—*Jarvis Field*, brick and stone building for athletic teams for Harvard College, 70′ x 90′; contract to be let; architects, Longfellow, Alden & Harlow Boston.

Longfellow Memorial Park; architects, Walker & Best, Boston; contractor, Lyman Willcutt.

Hanover, N. H.—Cottage hospital, 109′ x 112′; architects, Rand & Taylor, Boston.

Louisville, Ky.—The *Courier-Journal* Job Printing Co. will build a five-st'y building; cost, $100,000.

Macon, Ga.—The Macon Exchange Bank will build a building; cost, $35,000.

Minneapolis, Minn.—Bush & Curtin, three-st'y brick block, n w cor. First St. and First Ave., n; cost, $50,000.

New York, N. Y.—*Beaver St., Nos.* 66-70, *and Pearl St., Nos.* 113-117, seven-st'y building; cost, $200,000; owner, Coffee Exchange; architect, E. D. Lindsey.

Sharon, Mass.—Frame sanitarium for consumptives, 40′ x 60′; owner, Dr. Bowditch; contract to be let; architects, Longfellow, Alden & Harlow, Boston.

Springfield, Mass.—Stone and granite arch bridge over Main St. for Boston & Albany R. R.; estimated cost, $80,000; architects, Shepley, Rutan & Coolidge, Boston; contract to be let; builders, Norcross Bros., Boston.

PROPOSALS.

Highland Park, Ill., March 30, 1889. Sealed proposals, in triplicate, will be received at this office until 10 o'clock A. M., Tuesday, April 30, 1889, and then opened for furnishing all material and labor, and erecting at Fort Sheridan, Ill., the following buildings, viz.: One barrack wing for six companies, one store-house, one guard-house, one quartermaster's stable, one double set of non-commissioned officers' quarters, two sets field officers' quarters, seven sets captains' quarters, fifteen sets lieutenants' quarters, one building for shops, one bakery and one coal-shed. Subject to an increase or decrease of twenty per cent in the number of lieutenants' quarters. The Government reserves the right to reject any or all bids, or parts thereof. Bidders are requested to state the time required to complete the work. All information furnished upon application to this office. Detailed plans and specifications can also be seen at the office of the undersigned in the Pullman Building, Chicago, Ill., and at the Depot Quartermaster's office, New York City. Envelopes containing proposals will be marked

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Proposals will be received **up to 12 o'clock M., on May 20, 1889,** for the following work on the new State-House at Topeka, Kan:

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Printed specifications can be had on application to the above office.

Any or all proposals may be rejected.

By order of the Board of State-House Commissioners.

698

JAIL. [At Williamstown, Ky.]

Up to 12 o'clock of the 25th day of April next, sealed proposals will be received by the undersigned, committee for furnishing material and constructing a new jail and jailer's residence on the Court-house Square at Williamstown, for Grant County, Ky.

Plans and specifications are on file at the office of L. Cavanagh, in Williamstown.

For all information address the Committee.

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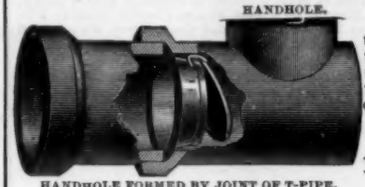

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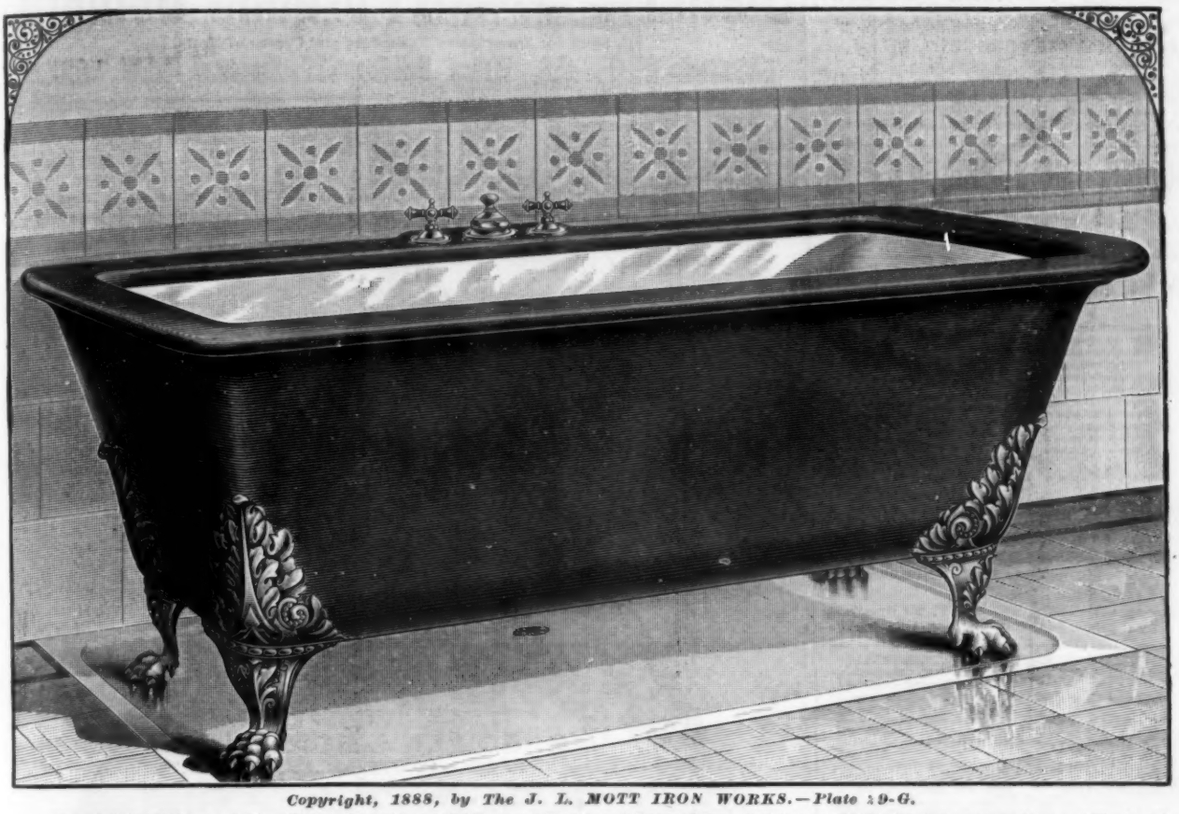

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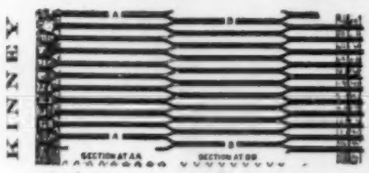
KINNEY  PATENT.

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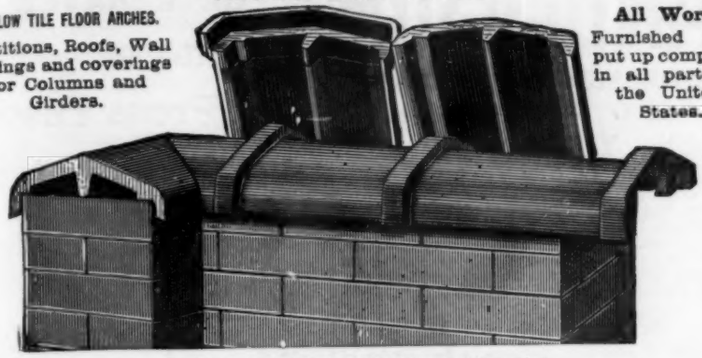

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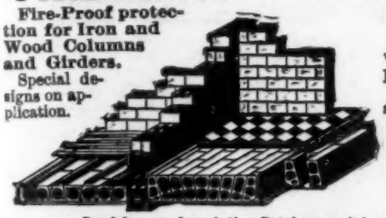

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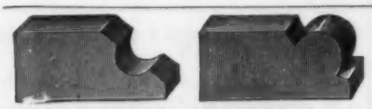

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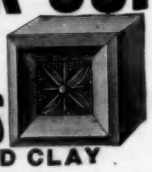

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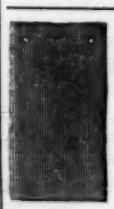

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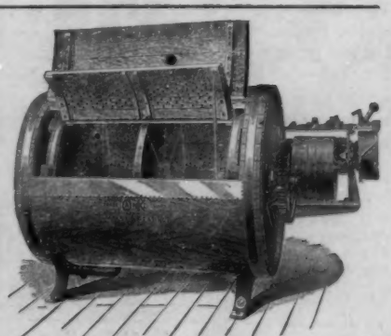

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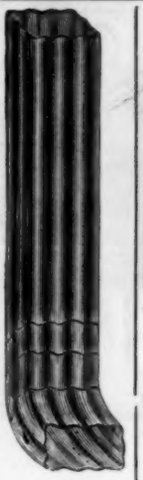

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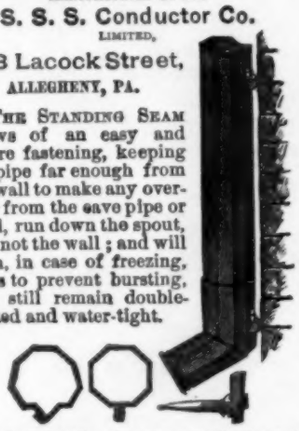

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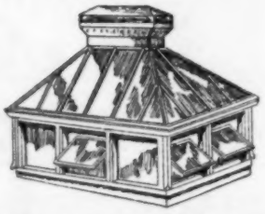

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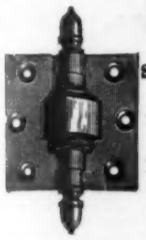

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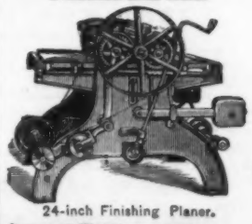

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[*NOTE.*—To the best of our belief the experts named in this list are in position to give unbiassed advice.]

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Boards: (*Ordinary dimensions.*)				
Pine, 1st quality, clear	65 00 @ 75 00	80 00 @ 80 00	47 00 @ 48 00	55 00 @ 60 00
" 2d quality	55 00 @ 60 00	42 00 @ 50 00	43 00 @ 45 00	40 00 @ 50 50
" 3d quality	18 00 @ 22 00	35 00 @ 40 00	39 00 @ 41 00	18 00 @ 30 00
Spruce	@ 25 00	12 00 @ 25 00	*Not sold.*	20 00 @ 22 00
Hemlock	ea 13½ @ 14	13 00 @ 15 00	@ 11 00	12 00 @ 15 00
Yellow pine	20 @ 40	25 00 @ 35 00	@ 21 00	@ 23 00
Cypress	@	32 00 @ 40 00	@	40 00 @ 45 00
Clapboards:				
Pine	@	33 00 @ 55 00	10 00 @ 21 00	20 00 @ 35 00
Spruce	@	15 00 @ 35 00	*Not sold.*	*Not Sold.*
Framing Timber:				
Pine			14 00 @ 15 00	25 00 @ 30 00
Spruce	14 00 @ 18 00	15 00 @ 18 00	*Not sold.*	16 00 @ 20 00
Hemlock	12 00 @ 16 00	12 50 @ 15 00	*Not Sold.*	11 00 @ 14 00
Yellow pine	18 00 @ 21 00	24 00 @ 35 00		20 00 @ 25 00
Laths:				
Pine	@	2 25 @ 2 35	@ 2 20	@ 2 50
Spruce	2 25 @ 2 35	2 25 @ 2 50	*Not sold.*	@ 2 25
Shingles:				
Pine, shaved ₱ M	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed "	4 00 @ 5 00	@ 4 50	2 35 @ 2 60	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood ₱ 12b	1 40 @ 1 60	3 75 @ 4 00	6 50 @ 8 00	{30" $35 @ 40 {24" 8 @ 21
Cedar, split ₱ M	@	@	*Not sold.*	{20" 35 @ 14
Cedar, sawed "	@	2 00 @ 4 00	2 20 @ 2 45	11 00 @ 14 00
Cypress. Split....7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 75 @ 4 25	
Miscellaneous:				
Piles ₱ ft.	4½ @ 5½	Piles 6c. ₱ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	4½ @ 1 25
Chestnut "	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: ₱ M. (*First Qual.*)				
Ash [*Kiln dried.*]	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	45 00
Cherry	80 00 @ 120 00	65 00 @ 120 00	80 00 @ 110 00	75 00 @ 80 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 5500	70 00 @ 80 00
Hard-pine floors (rift)		48 00 @ 50 00		
Mahogany, Baywood [Mexican]	@ 180 00	150 00 @ 160 00	150 00 @ 180 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	220 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	25 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	35 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 80 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 45 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	30 00 @ 75 00	45 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ₱ lb	@ 6		@ 1	
Spruce floors (clear, kiln-dried)		30 00 @ 32 00		
Walnut, black	125 00 @ 150 00	80 00 @ 120 00	90 00 @ 110 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	30 00 @ 35 00	25 00 @ 40 00
Yellow pine ₱ M	@ 45 00	40 00 @ 42 00	30 00 @ 32 50	27 50 @ 45 00

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BUILDING MATERIALS.

Reported for the American Architect and Building News.

BRICK.—₱ M.	New York. (Wholesale Prices.)	Boston. (Prices to Builders and Contractors.)	Chicago. (Prices to Builders and Contractors.)	Philadelphia. (Prices to Builders and Contractors.)
Common: *Cargo afloat.*				
Pale	3 25 @ 3 75	Eastern	Building Brick	Sq. Hard @ 12 00
Jersey	6 50 @ 7 50	8 50 @ 9 00	6 50 @ 7 00	" @ 9 00
Long Island	@	Bay State Hard		Salmon @ 00
Up River	7 50 @ 8 00	9 50		Sq. " @ 9 00
Haverstraw Bay 2nd	@ 8 00	Domestic Com.	Indiana Pressed	Light Stretchers @ 12 00
" 1st	8 25 @ 8 50	9 50 @ 10 00	16 00 @ 22 00	Medium " @ 14 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Red " @ 15 00
Fronts		20 00 @ 22 00	@ 27 00	Dark " @ 15 00
Croton, Brown	14 00 @ 15 00	Philadelphia		Pressed @ 15 00
" dark	15 00 @ 16 00	40 00 @ 45 00		22 00 @ 25 00
" red	15 00 @ 16 00	Phila. mould	18 00 @ 27 00	Best Paving @ 16 00
Chicago pressed (Anderson)		50 00 @ 80 00	65 00 @ 350 00	Second " @ 14 00
Chicago Moulded			@ 85 00	Third " @ 13 00
Baltimore	37 00 @ 41 00	Anderson	45 00 @ 50 00	
Philadelphia	27 00 @ 28 00	14 00 @ 32 00	45 00 @	
Trenton	@ 27 00		25 00 @	
Milwaukee			60 00 @ 100 00	
Moulded:			30 @	
Red	25 00 @ 27 00		35 @	
	30 00 @ 35 00		55 00 @ 65 00	
White Glens Falls Mold	45 00 @ 60 00			
Enamelled: *Imp.*			@ 100 00	
Enamelled (edge.)	85 00 @ 100 00		@ 120 00	Dom. @ 65
Enamelled (edge and end)	90 00 @ 115 00			@ 85
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	1 00 @ 1 10	@ 1 40	*Not Sold.*	1 30 @ 1 50
Louisville "			1 05 @ 1 30	S & S.E. 275 @ 300
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	*Not sold.*	1 60 @ 1 75	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	@ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	@ 2 85	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	@ 2 85	3 00 @ 3 25	2 85 @ 3 15
" " (Burham)	2 50 @ 2 80	@ 2 85	2 90 @ 3 15	2 80 @ 2 75
" " (White's)	2 65 @ 3 00	@ 2 85	3 00 @ 3 25	
" French (Lafargo)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	3 00 @ 3 25	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	2 80 @ 3 15	2 50 @ 2 75
" " (Vorwohler)	2 50 @ 2 90		2 80 @ 3 15	Joeson
" " (Lagerdofer)	@	*Not sold.*	2 75 @ 3 00	2 50 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	2 85 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not Sold.*	2 75 @ 3 00
" " Stettin, (Anchor)	2 35 @ 2 85		*Not Sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 50 @ 2 75
Roman	2 75 @ 3 00	@ 3 20	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	7 00 @ 7 50	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	11 00 @ 12 00	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30 ₱ bush
Chicago Lime in bulk		St. John 1 00	55 @	White Mash
Wisconsin "			60 @	1 25 @ 150
Rockland and Rockport, (Com.)	@ 1 00	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 1 20	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing "	@ 1 10	*Not sold.*	*Not sold.*	*Not sold*
Plaster of Paris (calcined.)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 25 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ *bush*	18 @ 21	25 @ 30	20 @ 25	22 @ 30
" (Goat)	25 @ 28	@ 30	30 @ 55	30 @ 32
Sand, ₱ *load*	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)	@	@ 60		55 @ 65
Limestone:	45 @ 1 25			
Bedford	@ 1 00	95 @ 1 00	50 @	75 @ 90
Joliet	@		55 @ 55	Richmond
Lemont	@		55 @ 60	75 @ 1 50
Serpentine			@ 1 00	4 50 ₱ Perch

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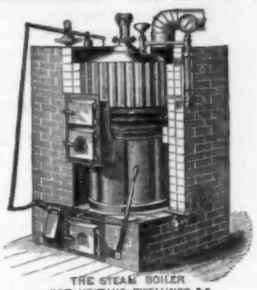
Foundation:				
Dimension	@	5 00 ℔ ton	20 @	℔ 5 00
Block	@	4 00 ℔ perch		Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 80
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed	50 @ 6 00	75	50 @ 1 00	37 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		95 @ 1 16
Kibbe	@ 90	90 @ 1 10		1 05 @ 1 35
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	55 @ 1 00
Berea } Ohio	75 @ 1 00	80 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 4
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 00 @ 1 1
Caen	@	@ 2 00	"	1 25 @ 1 5
Carlisle, English	@ 1 05	80 @ 90		95 @ 1 1
Corse Hill (Scotch)	1 05			
Marble (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined	@	50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna	@	3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red	@	1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville	@	85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@		*Not sold.*	2 00 @ 3 00
Vermont, white	@	1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
" " Chapmans		@	7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am. ℔ M.	@		*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil,* ℔ *lb.*)				
White lead, Am.	7 @ 7½	7 @ 7½	6½ @ 7½	@ 7
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am.,	6½ @ 7	7 @ 7½	6½ @ 7½	@ 7
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. @ 68
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 15
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	@ 12
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" @ 18
Black, lamp,	15 @ 25	15 @ 25	8 @ 30	@ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 25	@ 20
Oil, linseed, (raw) (℔ gal.)	56 @ 58	57 @ 58	56 @ 57	@ 58
" " boiled	59 @ 61	60 @ 61	59 @ 60	@ 60
Turpentine	46 @ 47	47 @ 50	47 @ 52	@ 54
Varnish, coach	@	1 50 @ 6 00	1 25 @ 2 00	@ 2 75
Shellac	@	2 50 @ 3 00	2 25 @ 4 00	@ 3 25
Putty	2 @	2 @ 4	02 @ 02½	@ 2
Whiting } dry	75 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.,) } dry	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Litharge, Am.	5½ @ 6	5½ @ 6½	6½ @ 7½	@ 7
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 10	@ 14
Umber, "	14 @ 20	14 @ 20	2 @ 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) **Spikes,** (*wrought.*)	@ 2 85		2 05 @	pr kg @ 2 10
10d. common	@ 2 60	@ 2 15	@ 2 15	@ 2 10
Shingle	@ 3 35	@ 2 65	@ 2 65	@ 2 40
Lath	@ 4 85	@ 3 65	@ 3 55	3 00 @ 3 50
Finishing nails according to size.)			Add .85 to $1.15	per ℔ 11 @ 14
(*For casing nails add 75c. per keg.*)			" .50 to .90	Add pr cask
Butts: 4″x 4″ (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 44
Japanned	@ 1 50	@ 1 75	*Not sold.*	@ 1 57
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 75 @ 2 00
Ball Tip, Boston Finish. (℔ pair.)	@ 65	@ 50	*Not sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony				50 @ 35
Apple wood				37 @ 1 00
Knobs: (℔ *Set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hematite	*Not sold*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 4 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 %	29 50 35
Sheet Lead		@ 6½		12 @ 13½
Lead Pipe		@ 5½		6 @ 6½
Iron:				
I-Beams, up to and including 30 ft.	3 3-10 @ 3½	2 3-10 @ 3		@ 2 3-10
I-Beams, over 30 ft. ½, ¼, ½ c. advance.				@ 2 3-10
Channel Beams	3 3-10 @ 3½	2 3- @	@ 4	@ 2 3-10

PAGE Steam Heater.



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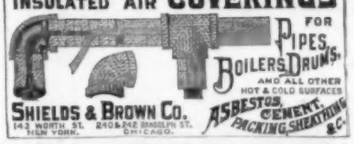

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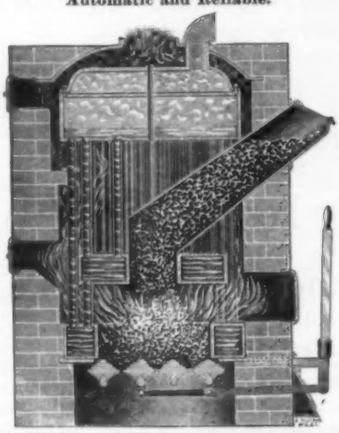

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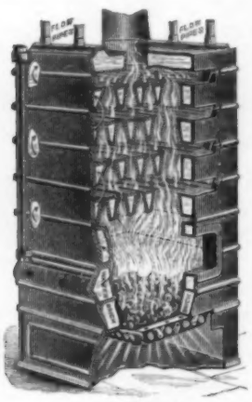

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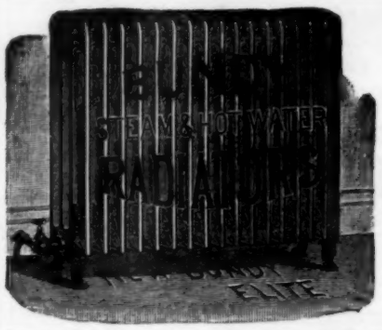

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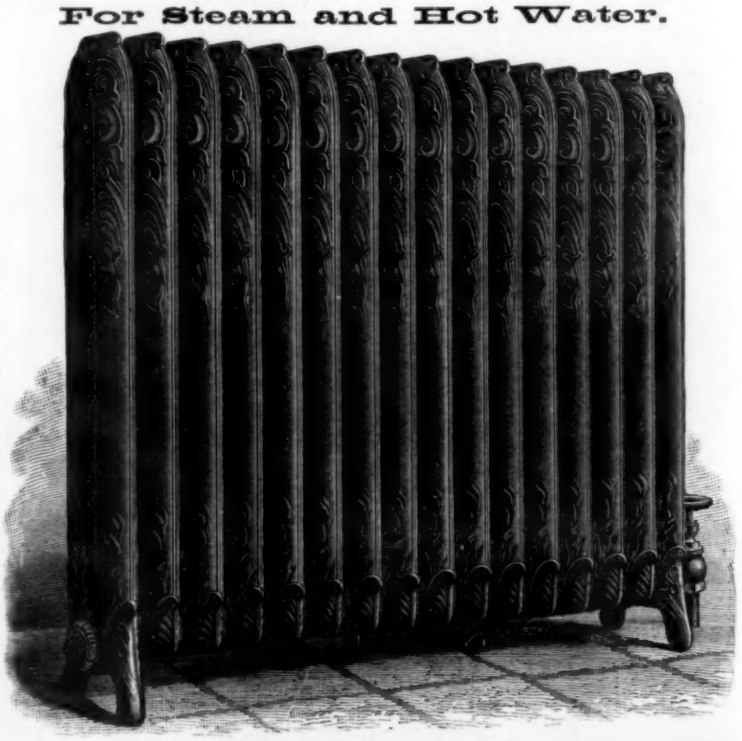

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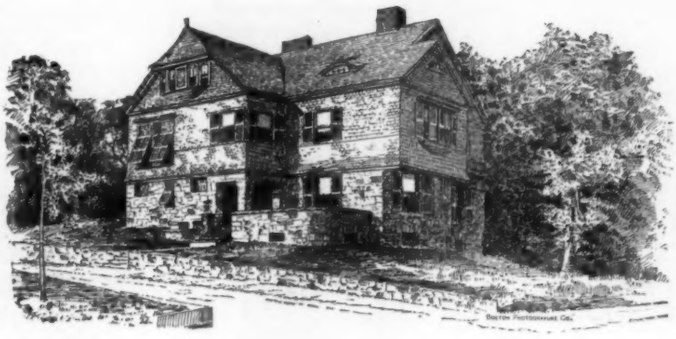

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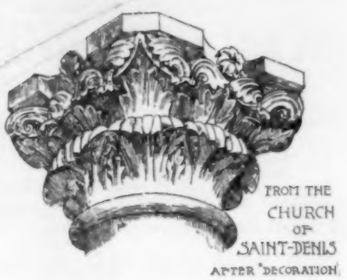

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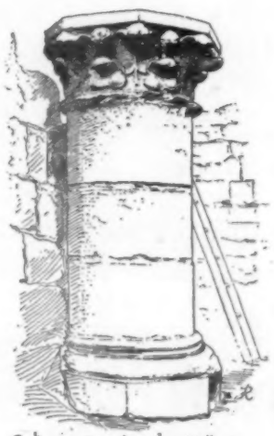

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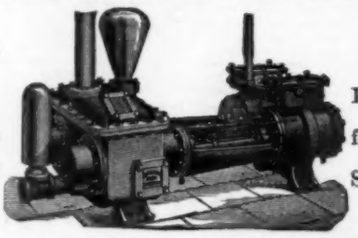

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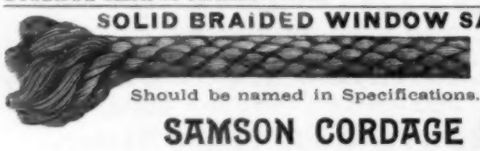

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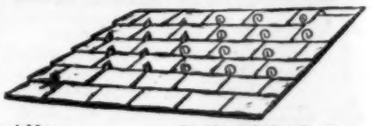

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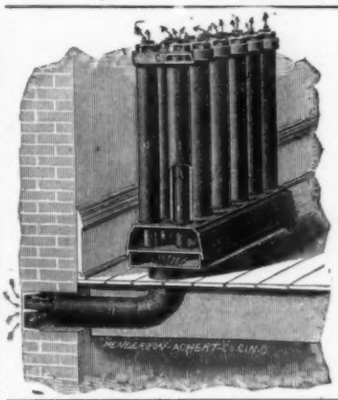

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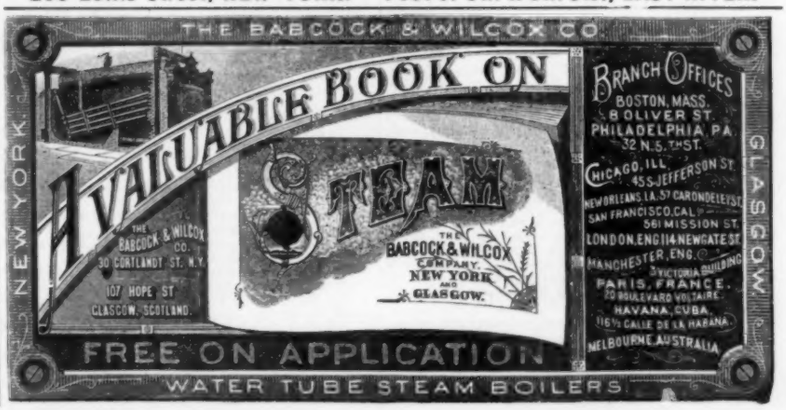

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See last or next issue for the following advertisements.

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Boston, Mass.—*Charlestown St., No.* 15, Ward 7, repair fire damage to factory; owners, Higgins & Upham; builders, Gerry & Northrop.

Harrison Ave., No. 761, *and St. James St.*, Ward 18, addition to Boston College; builder, J. Fagan.

Stamford St. extension, Nos. 104-108, *Lyman St., No.* 19, *and Prospect St., No.* 22, Ward 7, remodel lodging-house; owner, Thos. L. Jenks, Trustee.

Washington St., No. 1043, cor. Cherry St., Ward 16, addition to tenement and stores; owner, D. O'Neil; builder, J. Fogerty.

Maiden La., No. 4, Ward 20, remodel frame dwell.; owner, Catharine Looney; builder, M. McLaughlin.

Marlborough St., No. 449, Ward 22, remodel brick dwell.; owner, Mrs. R. Thompson; builders, C. A. Noyes & Co.

Cambridge, Mass.—*Main St.*, rebuilding Old Cambridge Baptist Church; contract to be let; architect, C. H. Blackall, Boston.

Chicago, Ill.—J. Keadz, three-st'y addition, Elston Ave.; cost, $2,500; architects, Schrader & Co.

P. R. Boyle, owner and architect, three-st'y addition, West Lake St.; cost, $4,500.

H. Schuttler, one-st'y addition, Wabash Ave.; cost, $65,000; architect, H. Sierks.

Detroit, Mich.—National Pin Co., addition to factory, Grand River Ave.; cost, $10,000; architect, G. W. Lloyd.

Fredonia, N. Y.—Remodelling frame dwell. for O. F. Schornbloom, Bradford, Pa.

Kearney, Neb.—Plans have just been completed for an addition to the Midway Hotel; cost, $40,000; owner, J. L. Keck; architects, Frank & Bailey; contract not yet let.

Milton, Mass.—Alterations to frame dwell. for Geo. B. Upton; architect, Wm. R. Emerson, Boston; builder, F. M. Severance.

Philadelphia, Pa.—*Broad St.*, w s, bet. South and Bainbridge Sts., one-st'y brick and stone addition chancel, vestry and organ-room to a church; builders, Arthur H. Williams & Sons, 402 Tener Pl.

Darby Rd. and Fifty-eighth St., an infirmary annex is to be built in connection with and added to the Presbyterian Home for Women; builder, Jno. A. Decker.

Seaville, N. J.—The Baptist Church will be remodelled according to plans prepared by Mr. Chas. W. Bolton, architect, 1510 Chestnut St., Philadelphia, Pa.

St. Louis, Mo.—Addition to three-st'y brick dwell.; cost, $3,000; owner, B. Loblein; contractor, P. Riechers.

Addition to two-st'y and mansard brick dwell.; cost, $2,500; owner, D. O'Neill; contractor, C. Dolrer.

Addition to two-st'y and mansard brick dwell.; cost, $2,700; owner, P. Hassenduebel; contractor, C. C. Linnenkohl.

APARTMENT-HOUSES.

Brooklyn, N. Y.—*Quincy St.*, n e cor. Marcy Ave., 2 four-st'y brick flats, gravel roofs; cost, $16,000; owner, Charles F. Hunt, 480 Putnam Ave.; architect and builder, Geo. B. Stoutenburg.

Patchen Ave., e s, 25' s Van Buren St., 6 four-st'y brick flats, tin roofs; cost, $72,000; owner and builder, Francis Jezek, 116 Myrtle Ave.

Hicks St., n s, 80' n Summit St., four-st'y brick flat, tin roof; cost, $6,500; owner, Anna M. White, 113 Summit St.; architect, I. D. Reynolds; builder, J. A. Buer.

Chicago, Ill.—A. Loroka, two-st'y flats, Chapin St.; cost, $2,500; architect, J. Jasemowski.

S. J. Anderson, three-st'y flats, Halsted St.; cost, $5,000; architects, Schaub & Berlin.

V. Mara, three-st'y flats, Van Horn St.; cost, $3,500; architect, F. Sayer.

N. Raamussen, owner and architect, four-st'y flats, Centre Ave.; cost, $3,000.

R. Munro, two-st'y flats, Oakley Ave.; cost, $4,000; architect, Munro.

J. L. Sutton, three-st'y flats, Portland Ave.; cost, $6,000; architect, G. Beaumont.

H. R. Durkee, two-st'y flats, West Twenty-first St.; cost, $8,000; architect, T. N. Bell.

J. P. Barrett, 3 two-st'y flats, Webster Ave.; cost, $20,000; architect, J. Addison.

Mrs. E. Dubois, 2 two-st'y flats, West Adams St.; cost, $6,000; architects, Doerr Bros.

J. Stucker, two-st'y flats, Armour St.; cost, $3,000.

W. Breiner, three-st'y flats, Fry St.; cost, $9,000; architects, Donlan & Thomas.

J. Schramm, three-st'y flats, West Twenty-seventh St.; cost, $5,500; architect, B. W. Bargerbush.

A. W. Hedfield, 2 four-st'y flats, West Ohio St.; cost, $11,000; architect, W. Klower.

W. H. Beasley, two-st'y flats, Dearborn St.; cost, $4,500; architect, F. B. Abbott.

R. J. Kroff, two-st'y flats, Warren Ave.; cost, $4,500; architect, J. L. Meriam.

T. Innis, 5 two-st'y flats, West Congress St.; cost, $9,000; architect, same as last.

C. Beese, three-st'y flats, Union St.; cost, $5,000; architect, J. Frank.

T. David, three-st'y flats, Allport Ave.; cost, $4,500; architect, A. Charvat.

M. Crosner, two-st'y flats, West Fourteenth St.; cost, $3,500; architect, same as last.

J. Jensen, three-st'y flats, North Carpenter St.; cost, $5,000; architect, C. R. Rosmussin.

Mrs. E. McGuire, three-st'y flats, Loomis St.; cost, $4,000; architect, F. Lapointe.

D. Bain, flats, Wilcox Ave.; cost, $5,000; architect, A. Smith.

Swedish Mission, three-st'y flats, Oak St.; cost, $15,000; architects, Ostling Bros.

L. Winge, three-st'y flats, West Erie St.; cost, $3,000; architects, Lutken & Thisslen.

Mrs. K. Brown, three-st'y flats, Wabash Ave.; cost, $4,500; architect, J. S. Swope.

L. Kaiser, two-st'y flats, Flournoy St.; cost, $4,000; architects, Hines & Co.

M. Aulkowski, three-st'y flats, Wall St.; cost, $3,300; architect, J. Clewanek.

P. Lasinski, two-st'y flats, Springer St.; cost, $3,500; architect, A. Charvat.

J. Kiaviatkawski, three-st'y flats, West Eighteenth St.; cost, $7,000; architect, J. Krivanek.

J. Jeonzal, two-st'y flats, West Nineteenth St.; cost, $3,500; architect, same as last.

M. Moratta, three-st'y flats, West Chicago Ave.; cost, $3,900; architect, H. Pardin.

J. Reiterer, three-st'y flats, Cleveland Ave.; cost, $7,000; architect, C. Hansen.

S. Lesewski, two-st'y flats, Dickson St.; cost, $3,500; architect, T. Lewandowski.

V. Sidlo, two-st'y flats, Van Horn St.; cost, $3,500; architect, J. Zwank.

J. Anderson, three-st'y flats, Portland Ave.; cost, $4,800; architect, C. E. Barquist.

W. H. H. Knowlton, three-st'y flats, Loomis St.; cost, $7,000; architects, Holabird & Roche.

J. M. Mullin, two-st'y flats, Wood St.; cost, $2,800; architect, W. C. Harbach.

C. Lash, two-st'y flats, West Twentieth St.; cost, $4,000; architect, P. F. Werges.

J. T. Long, owner and architect, two-st'y flats, Peoria St.; cost, $3,000.

M. R. Teamon, owner and architect, two-st'y flats, Shields Ave.; cost, $3,000.

W. Falnon, owner and architect, two-st'y flats, West Twenty-first St.; cost, $5,300.

C. P. Thomas, owner and architect, four-st'y flats, Ellis Ave.; cost, $25,500.

J. Alt, 6 two-st'y flats, Paulina St.; cost, $18,000; architect, J. Butts.

J. Peters, two-st'y flats, Wood St.; cost, $6,000; architect, Berlin.

J. Collins, two-st'y flats, Walnut St.; cost, $2,500; architect, G. Grussing, Jr.

J. Sedlacek, three-st'y flats, Henry St.; cost, $5,000; architect, F. C. Sayer.

W. W. Moench, three-st'y flats, Wentworth Ave.; cost, $15,000; architects, J. F. Doerr & Bro.

M. Rabbett, two-st'y flats, Emerald Ave.; cost, $3,100; architect, L. H. Heinz.

Mrs. Schuermann, two-st'y flats, Dudley St.; cost, $3,200; architect, H. Worthmann.

R. C. Octogon, three-st'y flats, South Park Ave.; cost, $3,000; architect, H. D. Safford.

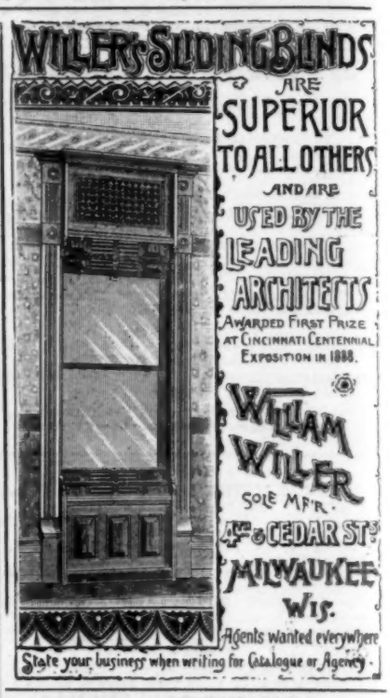
R. H. Weaver, two-st'y flats, La Salle St.; cost, $3,000; architect, V. N. Branch.

P. W. Krause, two-st'y flats, Washburn St.; cost, $4,500; architects, Hammon & Chapman.

J. A. Brown, four-st'y flats, Calumet Ave.; cost, $8,000; architect, M. Carr.

J. L. Smith, two-st'y flats, West Monroe St.; cost, $2,700; architects, Edwards & Perry.

F. Vyskocil, two-st'y flats, Parnell St.; cost, $2,800; architects, J. Waska & Son.



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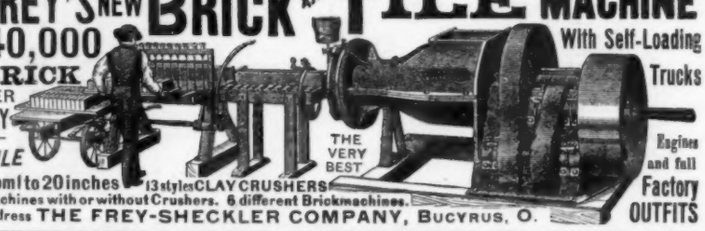

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BUILDING INTELLIGENCE.

J. Hogan, two-st'y flats, Thirteenth St.; cost, $2,600; architect, Hildenger.

H. Kerr, two-st'y flats, Campbell Ave.; cost, $4,000; architects, Ratlidge Bros.

Council Bluffs, Iowa.—Row of 3 frame flats; cost, $3,600; owner, H. Wagner.

New York, N. Y.—*Division St., Nos.* 54-54½, five-st'y brick flats, tin roof; cost, $18,000; owner, Charles Downey, One Hundred and Fourteenth and One Hundred and Fifteenth Sts., bet. Second and Third Aves.; architect, Alex. I. Finkle, 169-171 Broadway.

Broome St., Nos. 212-214, five-st'y brick flats, tin roof; cost, $40,000; owner, Marx Solomon, 161 Henry St.; architects, Herter Bros., 191 Broadway.

Eighty-ninth St., s s, 28' 4" e Ninth Ave., 2 five-st'y brick flats, tin roofs; cost, $60,000; owner, J. W. Taylor, 45 West Twentieth St.; architect, Julius Munkowitz, 247 West One Hundred and Twenty-fifth St.

Eighty-ninth St., s e cor. Ninth Ave., five-st'y brick flat, tin roof; cost, $35,000; owner, J. W. Taylor, 45 West Ninetieth St.; architect, Julius Munkowitz, 247 West One Hundred and Twenty-fifth St.

Lexington Ave., No. 161, five-st'y brick flats, tin

[*Continued on page* xvi.]

Comments of the Press on a New Book

By MERCHANT & CO.

ENTITLED:

"A TIN ROOF."

A Valuable Book.

Under the title "*A Tin Roof,*" Messrs. Merchant & Co., Philadelphia, have published a valuable work on the subject of roofing materials. No architect can afford to be without the book, as it treats very fully on a subject with which he should be conversant. The book has been compiled by one thoroughly versed in the subject of tin roofing, and it touches on different features of the subject which have heretofore never been published, and it is to be questioned whether the information could be obtained by architects from the roofing trade. The closing paragraph of the book is as follows: "We are prepared to prove that we were the first to introduce guaranteed plates and stamp every sheet with the name of the brand and thickness; and having also done away with the imperfect or waste sheets to further protect architects (who wish to specify and property owners who want to use the best), we feel that we have a right, under these circumstances, to ask that our guaranteed brands shall not be specified along with other brands in the market, which are inferior in quality, coating, weight and assortment." Architects throughout the country will do well to secure a copy of the book, which can be done by addressing Merchant & Co., Philadelphia.—*Philadelphia Evening Call,* February 18, 1889.

Something Worth Reading.

"*A Tin Roof*" is the title of a little book just issued by Messrs. Merchant & Co., 517 Arch Street, Philadelphia. The purpose of the publication is to supply to builders, architects, and the general public some exact information as to the best methods of constructing a tin roof and as to the right materials to be used to secure satisfactory and permanent results. We especially recommend the book, which is intended for gratuitous distribution, to mill-owners. They are very apt to entrust the matter of roofing wholly to builders, and they usually know very little about the character of the tin used or the excellence or defectiveness of the job. This pamphlet will help them to protect their interests. It is very explicit, perfectly comprehensible, and we think wholly trustworthy. It is quite profusely illustrated, and the cuts indicate processes of applying tin-roofing which insure excellence.—*Philadelphia Telegraph,* February 16, 1889.

Messrs. Merchant & Co., of Philadelphia, are about to issue a work on the subject of tin roofing for the benefit of architects, which they have had compiled at considerable expense and labor by one thoroughly versed in the subject of tin roofing. It touches on different features of the subject which have heretofore never been published. While this work is issued partly as an advertisement of their guaranteed plates, it will be found to contain very valuable information. It is for distribution to those who want the information, though it is not their purpose to send it out broadcast, as it is too valuable a work in itself to go into the waste basket. The book will be nicely bound, and the title will be "*A Tin Roof.*" Messrs. Merchant & Co., have done all in their power to bring about the use of a better class of material, and were the first to introduce plates every sheet stamped with the brand and thickness, and as the doing away with the wasters, or imperfect sheets, has been the cause of great loss of profit to this concern, in their determination to keep faith with the architectural profession, they find that in some cases even leading architects are to-day simply using their brands as a figure-head, and are inserting in their specifications not only cheaper brands than theirs, but brands the wasters of which can be obtained and will be used. Consequently they have now taken the stand to simply ask the architect to drop their brands entirely if they are to be used with inferior goods, as they do not care to be held responsible by their clients when the roof proves inferior by reason of the use of cheaper material than they offer to the public.—From *Manufacturers' Record,* Baltimore, of February 9, 1889.

PAINTING. * * *

PAINT is an important adjunct of Architecture, and, when properly applied, accentuates the work of the Architect. It is also important as a preservative of the materials of which buildings are constructed. Three things are required of a paint adapted to these purposes: 1. It must be rich and appropriate in colors, and the colors must be selected with reference to harmonious relationship. 2. The paint must be a durable linseed oil paint. 3. It must be properly applied.

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ARCHITECTS, who aim to specify the best materials for the structures they design, who are open to conviction as to the claims of those who manufacture or supply material used in buildings, are invited to investigate the merits of THE SHERWIN-WILLIAMS PAINT, and to subject it to any reasonable professional test that other similar articles are judged by. All will find, as many have already found, that it is worthy to be included in their specifications for painting. They will find, also, that the manufacturers of this paint are desirous, so far as the use of paint is concerned, to enhance the artistic beauty of the buildings of our country, making them creditable, not only to the communities in which they are erected, but to the Architects who design them.

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Reserve for Unadjusted Losses and other Liabilities	473,402.82
Surplus over all Liabilities	3,250,778.61

BUILDING INTELLIGENCE.

roof; cost, $30,000; owner, William Broadbelt, 2 West One Hundred and Thirteenth St.; architect John C. Burne, 1531 Third Ave., cor. Eighty-sixth St.

St. Louis, Mo. — Three adjacent three-st'y brick flats; cost, $8,000; owner, Henry Pechmann; architect, E. Mortimer; contractors, Wm. Reeve & Son.

Two-st'y and mansard brick flats; cost, $4,000; owner, Mrs. Meinholz; contractor, H. W. Rocklage.

Two-st'y brick flats; cost, $2,850; owner, J. F. Marley; contractor, T. J. Cregan.

FACTORIES.

Brooklyn, N. Y.—*Steuben St.*, w s, 225′ s Flushing Ave, two-st'y frame factory, cement roof; cost, $4,700; owner, C. Ross, 39 Bush St.; architect and builder, Geo. A. Kingsland; mason, S. Parks.

Wallabout St., 115′ e Lee Ave., five-st'y brick factory, gravel roof; cost, $20,000; owner and builder, G. Hurlimann, 35 Harrison Ave.; architect, T. Engelhardt.

Chicago, Ill.—E. Melchoir, four-st'y factory, Dayton St.; cost, $10,000; architect, H. Sierks.

M. Brand, four-st'y factory, South Canal St.; cost, $24,000; architect, W. Arndt.

New York, N. Y.—*Broome St., No.* 508, *rear*, five-st'y factory; owners, Browning, King & Co.; architects, Wm. Field & Son, Brooklyn, N. Y.

Philadelphia, Pa.—*Canal Bank*, near Centre St., stone and brick factory; owner, S. S. Kelly, 350 Green La.

Ontario and Third Sts., brick, iron, cotton and woolen mill; cost, over $100,000; owners, Jas. Long, Bro. & Co.; architects, Geisinger & Hale.

Hamilton and Tenth Sts., brick and stone machine-shop; owners, Pedrick & Ayer; architects, Geisinger & Hale.

HOUSES.

Ashburne, Pa.— *North Pennsylvania R. R.*, stone and frame dwell. will be built for W. A. Briscoe, Esq.; architect, Harrison Albright, Philadelphia, Pa.

Aurora, N. Y.—W. C. Cornwell, dwell.; cost, $10,000; architects, Marling & Burdett, Buffalo, N. Y.

Baltimore, Md.—John F. Miller, etc., 15 two-st'y brick buildings, n s Eagle St., bet. Payson and Pulaski Sts.; 7 two-st'y brick buildings, w s Payson St., bet. Wilkens Ave. and Eagle St.; and 6 two-st'y brick buildings, e s Pulaski St., bet. Wilkens Ave. and Eagle St.

N. Rufus Gill, three-st'y brick building, w s Calvert St., bet. Mulberry and Franklin Sts.

Samuel Hall, 2 two-st'y brick buildings, e s O'Donnell St., e Canton St.

E. W. Gorman, 19 two-st'y brick buildings, w s Bradford Alley, bet. Fayette St. and Fairmount Ave.

BUILDING INTELLIGENCE.

Wm. Butzler, 6 three-st'y brick buildings, w s Guilford Ave., beg. n w cor. Federal St.; 5 three-st'y brick buildings, n s Federal St., bet. Guilford Ave. and Hunter Alley.

Millard S. Black, 3 three-st'y brick buildings, s e cor. Charles and Second Sts.

M. A. Spilker, three-st'y brick building, n s Huntingdon Ave., w Charles St.

Boston, Mass.—*Beacon St.*, near Chester Park, s s, brick and stone dwell., 21′ x 57′; owner, J. T. Page; contract to be let; architect, W. Whitney Lewis.

Ashford St., near Pratt St., Ward 25, frame dwell., 17′ x 44′; owner, Miss L. T. Moses; builders, McLeod & Chappell.

Randolph Terrace, near Van Winkle St., Ward 24, frame dwell., 27′ x 30′; owner, H. S. Carruth; builder, F. M. Severance.

Pratt St., cor. Ashford St., Ward 25, frame dwell., 25′ x 44′; owner, Miss L. T. Moses; builders, McLeod & Chappell.

Princeton St., No. 302, three-st'y frame dwell., 23′ x 46′; owner, G. Brown; builder, W. W. Foye.

Dorchester Ave., No. 1530, Ward 24, frame dwell., 22′ x 47′ 6″; owner, Mrs. F. Loring; builder, H. P. Oakman.

Centre St., cor. Carlisle St., Ward 24, frame dwell., 22′ x 29′; owner, J. D. Hapgood; builder, W. J. Jobling.

Webster St., No. 258, Ward 2, three-st'y frame dwell., flat roof, 22′ x 38′; owner and builder, J. McCormick.

Randolph Terrace, near Beale and Van Winkle Sts., and cor. Van Winkle St., Ward 24, three frame dwells., 27′ x 30′; owner, Herbert S. Carruth; builder, F. M. Severance.

Richfield St., Nos. 7-9, Ward 24, 2 three-st'y frame dwells., flat and pitch roofs, 24′ x 45′ 6″; owner and builder, W. J. Jobling.

Sumner St., No. 483, Ward 2, three-st'y frame dwell., flat roof, 22′ x 38′; owner and builder, J. McCormick.

Fort Ave., No. 75, Ward 21, three-st'y frame dwell., flat roof, 22′ x 34′; owner, R. L. Golding; builder, E. Russell.

Arklow St., No. 13, *rear*, Ward 22, frame dwell., 18′ x 26′; owner, Samuel Welch; builder, Henry Welch.

Bowen St., Nos. 136-138, Ward 13, 2 three-st'y frame dwells., flat roofs, 22′ x 34′; owner, Bridget A. Brady; builder, W. T. Eaton.

Langdon St., Nos. 21-23, Ward 20, 2 three-st'y frame dwells., flat roofs, 22′ x 42′; owner, D. F. Driscoll; builders, Hutchison & Henderson.

Minot St., No. 36, *rear*, Ward 24, frame dwell., 26′ 42′; owner, Timothy Dunn; builder, W. J. Hatch.

Chapel St., Nos. 2-6, Ward 19, 3 three-st'y brick dwells., flat roofs, 20′ x 40; owner, Lomer Lahaise; builder, A. Phaneuf.

BUILDING INTELLIGENCE.

Andrews St., Nos. 12-14, Ward 17, 2 three-st'y brick dwells., flat roofs, 19′ 6″ x 36′; owner and builder, T. Connelly.

Puritan Ave., cor. Wales Pl., Ward 24, frame dwell., 24′ x 31′; owner and builder, G. L. Davidson.

Sherwood St., near Walter St., Ward 23, frame dwell., 20′ x 28′; owner, Helen Wells; builder, John Purdy.

Codman Pk., No. 20, Ward 21, frame dwell., 25′ x 35′; owner, J. H. Connor; builder, J. M. Kelley.

Pope St., near Byron St., Ward 1, frame dwell., 20′ 6″ x 34′; owner, Mrs. Lizzie Carr; builder, T. H. Newby.

Harvest St., near Boston St., Ward 15, frame dwell., 23′ x 62′; owner, Mary Day; dwell., 30′ x 40′, hip roof; owner, H. Gove.; builder of both, W. Eadie.

Westville St., cor. Geneva Ave., Ward 24, frame dwell., 23′ x 52′; owner, Mrs. M. Conley; builders, Roberts & Murray.

Brooklyn, N. Y.— *Halsey St.*, s s, 126′ e Reid Ave., two-st'y brick dwell., tin roof; cost, $4,000; owner, architect and builder, A. H. Green, 1187 Fulton St.; mason, J. Powell.

Hancock St., n s, 184′ w Marcy Ave., 3 four-st'y brick dwells., tin roofs; cost, $10,000 each; owner and builder, S. E. C. Russell, 58 Hancock St.; architect, F. B. Langston.

Linwood St., e s, 140′, 300′ and 475′ n Arlington Ave., 3 two-st'y frame dwells., tin roofs; cost, $2,200 each; owners, Le Beau & Feush, 118 Fulton Ave.; architect, Wm. Danmar; builder not selected.

Halsey St., s s, 28′ w Howard Ave., 4 two-and-a-half-st'y frame (brick-filled) dwells., tin roofs; cost, $16,000; owners and builders, Wm. P. Rae and B. H. Newman, 240 Gates Ave.; architect, I. D. Reynolds.

Cleveland St., w s, 125′ s Ridgewood Ave., two-st'y frame dwell., tin roof; cost, $3,000; owner, architect and builder, —— ——, 17A Stewart St.

Stewart St., n s, 120′ w Bushwick Ave., 6 two-st'y frame (brick-filled) dwells., gravel roofs; total cost, $25,000; owner, Joseph Hopkins, Jr., 269 Moffat St.

Fifty-fourth St., n s, 205′ w Third Ave., 5 two-st'y frame (brick-filled) frame dwells., tin roofs; total cost, $10,000; owner, Levi Martin, Third Ave. and Fifty-third St.; builders, Spence Bros.

Buffalo, N. Y.—Wm. Hamlin, dwell.; cost, $125,000; architects, Marling & Burdett.

Geo. Colt, dwell.; cost, $15,000; architects, Marling & Burdett.

Jno. B. Greene, dwell.; cost, $14,000; architects, Marling & Burdett.

Risley Tucker, dwell.; cost, $9,000; architects, Marling & Burdett.

Nuss Gates, dwell.; cost, $45,000; architects, Marling & Burdett.

Geo. W. Carter, dwell.; cost, $9,000; architects, Marling & Burdett.

Mott Pierce, dwell.; cost, $8,000; architects, Marling & Burdett.

Burlington, Vt.—A. A. Buell, dwell., with stables and outhouses; cost, $40,000; architects, Marling & Burdett, Buffalo, N. Y.

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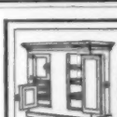
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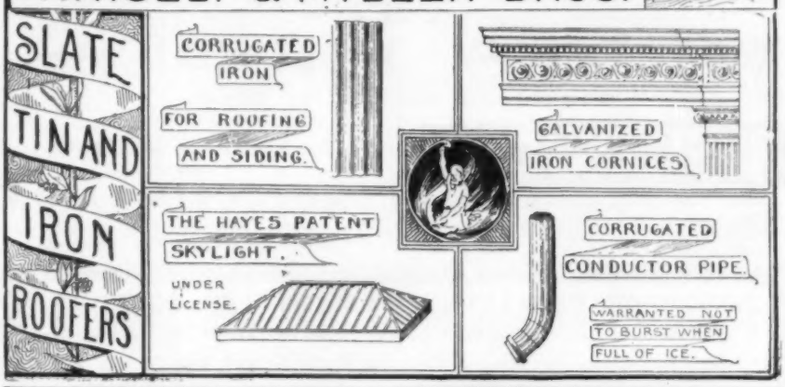

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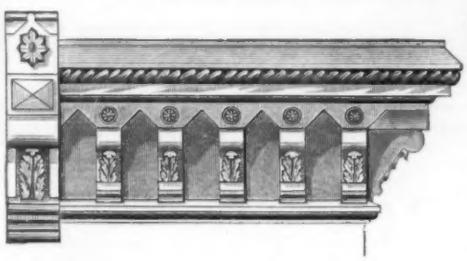
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Cambridge, Mass.—On a new St., frame dwell., 60′ x 70′; cost, abt. $10,000; owner, Prof. James; architect, Wm. R. Emerson, Boston; builders, Briggs Bros.

Chelten Hill, Pa.—A dwell. will be built at this place from drawings prepared by Harrison Albright, architect, Philadelphia, Pa., for Fred. Snyder, Esq.

Chicago, Ill.—A. P. Sawyer, two-st'y dwell., Warren Ave.; cost, $6,000; architect, R. G. Pentecost.

M. Purtil, two-st'y dwell., w North Ave.; cost, $2,500; architect, Pischke.

J. M. Bauke, two-st'y dwell., Irving St.; cost, $3,500; architect, W. S. Carroll.

Bonney Bros., 2 two-st'y dwells., Willard Pl.; cost, $3,000; architect, C. H. McAfee.

H. Chocal, one-st'y dwell., West Taylor St.; cost, $3,000; architects, J. Kraloveck & Bro.

L. Hardy, two-st'y dwell., Dearborn St.; cost, $3,200.

Potter Palmer, 5 four-st'y dwells., Astor St.; cost, $50,000; 2 four-st'y dwells., Cedar St.; cost, $22,000; 4 four-st'y dwells., Elm St.; cost, $50,000; 2 four-st'y dwells., Lake Shore Drive; cost, $25,000; architect, C. Palmer.

C. E. Lynch, two-st'y dwell., Marshfield Ave.; cost, $8,000; architect, Ruehl.

Detroit, Mich.—Geo. Whitaker, brick dwell., 173 Canfield Ave.; cost, $5,000.

W. C. Claxton, three frame dwells., 80-82-84 Perry St.; cost, $4,800.

Horace Dickinson, brick dwell., Harrison Ave.; cost, $4,000.

W. H. Holland & Son, brick dwell., Warren Ave.; cost, $4,500.

Sidney B. Dixon, brick dwell., West Forest Ave.; cost, $5,000.

John Cooney, brick dwell. and store, 1018 Champlain St.; cost, $5,000.

A. Easter, frame dwell., Grand River Ave., near Hooker St.; cost, $3,500.

Archie Grant, brick dwell. and barn, Woodward Ave.; cost, $17,000.

Col. F. J. Hecker, stone dwell., cor. Woodward and Ferry Sts.; cost, $47,000; architects, Wm. Scott & Co.

Lawrence Depew, brick dwell., Forest Ave.; cost, $5,000; architect, A. C. Varney.

Stephen Pratt, two double frame dwells., cor. Fourth and Charlotte Aves.; cost, $9,000; architects, Donaldson & Meyer.

John Edwards, brick and stone dwell., Watson St.; architects, M. L. Smith & Son.

F. Besancon, brick dwell., Howard St.; cost, $3,500; architect, W. G. Malcomson.

Frederick Sibley, brick dwell., Jefferson Ave.; cost, $7,000.

Fredonia, N. Y.—Two-st'y frame dwell.; cost, $3,000; owner, Wm. Sennant, Mayville, N. Y.

Two-st'y frame dwell.; cost, $2,500; owner, S. W. Reynolds, Forrestville, N. Y.

Germantown, Pa.—*Upsal St.*, s w cor. Jefferson St., three-st'y stone dwell.; builders, George Watson & Son, 907 Marshall St.

Little Rock, Ark.—H. Bein, frame dwell.; cost, $3,000; architects, Orlopp & Kusmer.

Mrs. Max Parker, one-st'y frame dwell.; cost, $3,400; architects, Orlopp & Kusmer; contractor, Jno. A. Covington.

P. E. Brujman, frame dwell.; cost, $2,000; architect, F. J. Rickon.

Milton Point, N. Y.—Constable Bros, 151 Broadway, New York, have finished plans for a large dwell.; style, old colonial; trimmings, mahogany and ash.

New York, N. Y.—*Ninety-third St.*, s s, 212′ e Fifth Ave., 2 four-st'y brick dwells., tin roofs; cost, $28,000; owner, John H. Gray, 1571 Third Ave.; architect, A. B. Ogden, 1031 Madison Ave.

West End Ave., n w cor. Seventy-second St., 5 four-st'y brick dwells., mansard, tin and glazed tile roofs; cost, $150,000; owner, Franklin E. Robinson, 171 West End Ave.; architect, Charles T. Smith, 111 Broadway.

West One Hundred and Twenty-fifth St., No. 149, two-st'y brick dwell., tin roof; cost, $10,000; owner, T. Hollender, 27 East Fourth St.; architect, Wm. Kuhles, 111 Broadway.

Ninetieth St., n s, 100′ w Tenth Ave., 6 four-st'y brick dwells, tin roofs; cost, $120,000; owner, Thomas A. Spaulding, 158 East Forty-sixth St.; architects, Thom & Wilson, 1267 Broadway.

One Hundred and Thirtieth St., s s, 156′ e Seventh Ave., three-st'y brick dwell., tin roof; cost, $10,000; owner, Isaac E. Wright, 1983 Madison Ave.; architects, Cleverdon & Putzell, 110 East One Hundred and Twenty-fifth St.

Seventy-first St., s s, 225′ w Eighth Ave., 4 four-st'y brick dwells., tin roofs; cost, $80,000; owner, John Ruddell, 101 West Twenty-first St.; architect, G. A. Schellinger, 128 Broadway.

Ogden Ave., w s, 500′ s Union St., three-st'y brick dwell., tin roof; cost, $7,000; owner, John L. Siems, Union St. and Ogden Ave.; architect, W. O. Heg, 74 West Ninety-ninth St.

One Hundred and Twenty-fourth St., n s, 150′ w First Ave., three-st'y brick dwell., tin roof; cost, $8,000; owner, Sabato Gregorio, 305 East One Hundred and Eleventh St.; architect, 411 East One Hundred and Fourteenth St.

Fifth Ave., bet. Sixty-fifth and Sixty-sixth Sts., handsome dwell.; owner, William Jay; architects, Rotch & Tilden, Boston.

One Hundred and Nineteenth St., s s, 100′ e Seventh Ave., block of dwells.; owner, Stephen J. Wright.

Philadelphia, Pa.—*School La.*, cor. Morris St., 2 two-and-one-half-st'y brick dwells.; owner, Wm. S. McNabb, 208 Mill St., Germantown.

South Sixth St., No. 1529, two-st'y brick dwell.; owner, John T. Sanders, 2140 North Eleventh St.

Jefferson St., cor. Plumb St., two-st'y brick dwell.; owner, Benjamin H. Foulkrod, 4618 Paul St. Frankford, Pa.

Nice St., w s, s Barr St., two-st'y brick dwell.; owner, Benjamin Walker, 3953 Germantown Ave.

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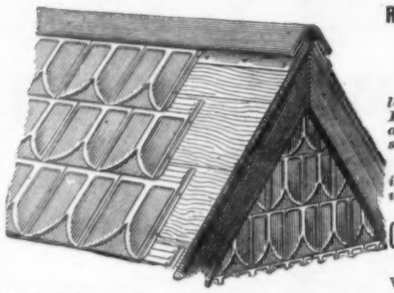

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Greenway Ave., s s, bet. Seventy-first and Seventy-second Sts., two stone dwells.; owner, Henry Kershaw, Elmwood, Pa.

Frankford Rd. and Cemetery Ave., 14 two-st'y brick dwells.; owner, Robert Buchanan, 2025 Mutter St.

Jefferson St., e Selig St., two-st'y brick dwell.; contractor, S. B. Righter, Fountain St.

Crumbach St., n s, w Twelfth St., 2 two-st'y six-room brick dwells.; owner, James C. Sneden, 1227 Dickinson St.

Marshall St., e s, s Girard Ave., 3 three-st'y brick dwells.; owner, L. M. Eckard, 1316 Parrish St.

North Sixth St., No. 1016, three-st'y brick dwell. and brick shop; owner, L. M. Eckard.

Gibbard St., w s, bet. Moore and Mifflin Sts., 28 two-st'y six-room brick dwells.; owner, John J. Cassidy, 1102 Camilla St.

Hofman St., s s, bet. Front and Second Sts., 9 two-st'y five-room brick dwells.; owner, John J. Cassidy, 1102 Camilla St.

Airy St., bet. Penn and Mercury Sts., one-st'y brick dwell.; owner, John Wolf.

Eayre St., w s, w Belgrade St., three-st'y brick dwell.; owners, James Macauley & Sons, 1328 East Montgomery Ave.

Lancaster Ave., No. 1345, two-st'y brick dwell.; owner, G. Weed, 20 Reed St.

Providence, R. I.—*Prairie Ave. and Willard St.*, frame dwell.; cost, $3,000; owner, Michael Dooley.

Hawthorn and Buckley Sts., two frame dwells.; owner, Mrs. Nora A. Cook; builder, David Glover.

West River St., frame dwell.; cost, $8,500; owner, Valentin Knobloch; builder, August Bernett.

Manning and Ives Sts., frame dwell.; owner, Alice B. Richardson.

Somerville, Mass.—*Cross St.*, near Broadway, frame block of three dwells., 35′ x 60′; owners, S. P. Langmaid heirs; builders Richardson, & Young.

Highland Ave., cor. West St., frame dwell., 22′ x 29′; owner and builder, James Elston.

Hathorn St., frame dwell., 25′ x 28′; owner, F. De Witt Lapham; builder, Mark Leighton.

Hudson St., frame dwell., 22′ x 30′, with L, 13′ x 18′; owners and builders, P. Sargent & Co.

St. Louis, Mo.—Two-st'y and mansard brick dwell.; cost, $3,800; owner, Wm. Bruegger; contractors, Klutho & Boeke.

Two-st'y and mansard brick dwell.; cost, $2,800; owner, Henry Lang; contractors, Klutho & Boeke.

Two-st'y brick dwell.; cost, $3,675; owner, David Gies; architect, W. J. Gaines; contractors, F. H. Gray & Bro.

Two-st'y and mansard brick dwell.; cost, $14,000; owner, Chas. Scudder; architect, W. S. Eames; contractors, Kerr & Allen.

Three two-st'y and mansard brick dwells.; cost, $15,000; owner, A. Waldbart; architect, A. P. Hyatt; contractors, Kergin Bros.

Two-st'y brick dwell.; cost, $3,000; owner, Mrs. E. Klaegent; architect, A. Beinke; contractor, H. F. Beinke.

Two adjacent two-st'y brick dwells.; cost, $3,000; owner, Peter Walsh; sub-let.

BUILDING INTELLIGENCE.

Two-st'y brick dwell.; cost, $4,800; owner, Jacob Miller; contractors, Bothe & Ratermann.

Two-st'y brick dwell.; cost, $2,500; owner, H. Boschett; contractor, J. Schott.

Two-st'y and mansard brick dwell.; cost, $5,800; owner, M. E. Wilson; architect, J. B. Legg; contractor, Wm. Daman.

OFFICE-BUILDINGS.

Oil City, Pa.—Four-st'y brick and terra-cotta fireproof office-building, iron beams and staircase, hollow-tile floors, electric-light, asphalt roof; cost, $75,000; owners, National Transit Co.; architects, Curtis & Archer, Fredonia, N. Y.

New York, N. Y.—*Wall St.*, s w cor. Broad St., ten-st'y brick office-building, mansard, brick, fireproof, block and iron roof; cost, $400,000; owner, Matthew Wilks, 119 East Fifty-fifth St.; architect, Charles W. Clinton, 32 Nassau St.

SCHOOL-HOUSES.

Chicago, Ill.—Board of Education, three-st'y school-house, High St.; cost, $45,000; architect, C. Rudolph.

De Lasalle Institute, four-st'y school-house, Wabash Ave.; cost, $90,000; architect, J. J. Egan.

Fredonia, N. Y.—Two-st'y brick school-house, slate roof; cost, $12,000.

STABLES.

Boston, Mass.—*Tibbett's Town Way*, near Rutherford Ave., Ward 4, two-st'y frame stable, 35′ x 40′; owner, G. E. Farmer; builder, C. O. Stone.

Somerville, Mass.—*Highland Ave.*, cor. Trull La., frame stable, 32′ 3″ x 40′ 9″; owner, Geo. A. Bruce; builder, Geo. E. Hutchinson.

Everett Ave., cor. Dana St., frame stable, 30′ x 34½′; owner, Albert S. Garland; builder, Henry L. Lakeman.

Cameron St., frame stable, 13′ x 18′; owner, H. P. Bertwell.

St. Louis, Mo.—Two-st'y brick stable; cost, $3,600; owner, Fred. Harold; contractor, C. C. Linnenkohl.

STORES.

Brooklyn, N. Y.—*Bushwick Ave.*, s e cor. Covert St., three-st'y brownstone store and dwell., tin roof; cost, $6,000; owner and builder, John Rueger, 250 Moore St.; architect, F. Holmberg.

STORES.

Brooklyn, N. Y.—*Fulton St., No.* 454, four-st'y brick store, tin roof; cost, $17,000; owner, James Cassidy, 277 Fulton St.; architect, T. F. Houghton; builder, Owen Nolan.

Cincinnati, O.—S. H. Taft, stores and dwells.; cost, $3,000; architect, Theo. Richter, Gorman and Everett Sts.

Mrs. Johanna Reder, three-and-one-half-st'y brick store and tenement; cost, $6,700; architects, G. & A. Brink.

New York, N. Y.—*Bowery, No.* 255, four-st'y brick store-building, tin roof; cost, $9,500; owner, Casper Iba, 147 Forsyth St.; architects, Kurtzer & Rohl, cor. Seventh St. and Third Ave.

BUILDING INTELLIGENCE.

Great Jones St., No. 9, six-st'y brick store, felt and gravel roof; cost, $24,000; owner, Roosevelt Hospital, 4 West Twenty-seventh St.; architect, Stephen D. Hatch, 115 Broadway.

Spring St., No. 151, six-st'y brick store, metal roof; cost, $16,000; owner, Carrie Gane, 143 West One Hundred and Thirty-first St.; architect, John B. S nook, 12 Chamber St.

Philadelphia, Pa.—*North Fifth St., No.* 2942, two-st'y store and dwell.; owner, Mark Devlin, 1353 Germantown Ave.

Sixteenth St., n e cor. Dauphin St., three-st'y brick store and dwell.; owner, Sylvester Oridland, 1633 Carnac St.

Manayunk Ave., n w s, bet. Cedar and Penn Sts., two-st'y stone store and dwell.; owner, John Wolf, Pechin St. and Schurz La.

South St., No. 530, three-st'y brick store and dwell.; owner, Edward Ward, 526 South Ninth St.

South Eighth St., Nos. 748-750, 2 three-st'y brick stores and dwells.; owner, August Lagamarsino, 758 South Eighth St.

St. Louis, Mo.—Three-st'y brick store and rooms; cost, $6,000; owner, Fred. Moll; architect, A. Beinke; contractor, C. H. Poertner.

Three-st'y brick store and flats; cost, $7,700; owner, C. Kicker; architect, Wm. Shafer; contractors, Bothe & Ratermann.

Two-st'y brick store and offices; cost, $8,000; owner, J. B. C. Lucas; architect, J. Beattie; contractors, Thompson & Valleroy.

Three-st'y brick store and flats; cost, $10,000; owner, A. Barnum; architect, A. Beinke; sub-let.

TENEMENT-HOUSES.

Boston, Mass.—*Salem St., No.* 160, cor. Sheafe St., Ward 6, four-st'y brick tenement and store, flat roof, 43′ x 56′; owner, E. T. Pratt; builders, Holmes Bros.

Brooklyn, N. Y.—*Union St.*, n s, 75′ e Fourth Ave., four-st'y brick tenement; also Sackett St., s s, 75′ w Fourth Ave., four-st'y brick tenement, gravel roofs; cost, $5,000 each; owner, Geo. R. Brown, 26 Court St.; builder, J. F. Kentana; mason, L. E. Brown.

Marcy Ave., n s, 150′ w Berry St., four-st'y frame (brick-filled) tenement, tin roof; cost, $6,000; owner Bridget Brady, 94 Berry St.; architect, Th. Engelhardt.

Hamburg Ave., e s, 25′ n Myrtle Ave., 4 three-st'y frame (brick-filled) tenements, tin roofs; cost, $19,200; owner, Aug. Sedlmeier, 74 Starr St.; architect, F. Holmberg; builder, Wm. Boyer.

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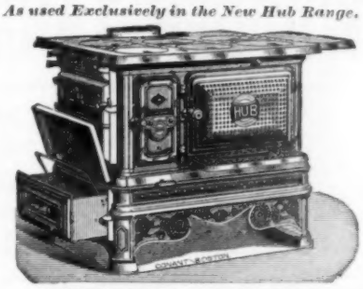

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BUILDING INTELLIGENCE.

Hamilton Ave., Nos. 24-32, 5 four-st'y brick tenements, tin roofs; total cost, abt. $50,000; owner, J. M. Ceballos, 80 Wall St., New York; architects and builders, J. M. McGregor & Son.

Madison St., s s, 275′ w Howard Ave., 2 four-st'y brick tenements, tin roofs; total cost, $19,000; owner, M. Kaiser, 144 Palmetto St.; architect, F. Holmberg.

Cincinnati, O.—F. H. Capel, three-and-one-half-st'y brick tenement, Hatmakee St.; cost, $6,000; architects, G. & A. Brink.

C. Sieinle, two-and-one-half-st'y brick tenement, Avon Pl.; cost, $2,600; architects, G. & A. Brink.

D. Morganthaler, three-st'y brick tenement, Locust and Oak Sts.; cost, $3,400; architects, G. & A. Brink.

New York, N. Y.—*East One Hundred and Twelfth St., No.* 112, five-st'y brick tenement, tin roof; cost, $12,000; owner, Joseph Hendewerk, 174 East Twelfth St.; architect, Bart. Walther, 230 East One Hundred and Twenty-fifth St.

Eighty-third St., s s, 98′ e Avenue B, 4 five-st'y brick tenements, tin roofs; cost, $48,000; owners, L. & J. Brandt, 1491 Third Ave.; architect, John Brandt, 1491 Third Ave.

St. Louis, Mo.—Two-st'y brick tenement; cost, $4,000; owner, F. Brockmeyer; contractor, C. Wehking.

THEATRES.

Philadelphia, Pa.—*Eighth St.*, bet. Race and Vine Sts., three-st'y theatre; architects, McElfatrick & Sons, on premises.

WAREHOUSES.

Brooklyn, N. Y.—*Myrtle Ave., Nos.* 107-109-111, n s, 21′ 10″ from Bridge St., also an L on w s Bridge St., 75′ n Myrtle Ave., four-st'y brick warehouse, tin roof; cost, $50,000; owner, Mrs. Angeline E. Darling; architects, Parfitt Bros.; builder, L. W. Seaman, Jr.; masons, J. D. Anderson's Sons.

Chicago, Ill.—F. Kirschoff & Co., six-st'y warehouse, Fifth Ave.; cost, $32,000; architect, C. F. Herman.

New York, N. Y.—*Walker St., No.* 86, six-st'y brick and iron front warehouse; cost, $35,000; owner, Frank A. Seitz; architects, Cleverdon & Putzel; and at 20 West Third St., a similar building; cost, $45,000; same owner; architects, Cleverdon & Putzel.

West One Hundred and Thirtieth St., foot of, two-st'y beef storage warehouse; owners, G. F. & E. C. Swift; architect, J. G. Glover, Brooklyn.

MISCELLANEOUS.

Boston, Mass.—*Boylston St.*, three-st'y brick and stone laboratory for Harvard Medical School, 30′ x 91′, flat roof; contract to be let; architect, W. Whitney Lewis.

Chicago, Ill.—Libby Prison Museum Co., two-st'y engine-house, Wabash Ave.; cost, $19,000; architect, C. M. Palmer.

Cincinnati, O.—Sisters of Charity, hospital and chapel, Lock St.; cost, $7,500; architect, A. C. Nash.

Harrisburgh, Pa.—The permits granted by the city-engineer show that the building improvements are not confined to any quarter of the city, and all sections will share in the benefits of the boom. The buildings now going up or to go up are of a good class, and an ornament to the city. There has been a scarcity of modern houses to small families of moderate means. There will be plenty of snug houses for tenants.

Philadelphia, Pa.—*Schurz La. and Freeland Ave.*, one-st'y stone engine-house; owners, A. Flanagan & Son, 105 Grape St., Manayunk.

Providence, R. I.—*Bates St.*, frame safe manufactory; owner, P. W. Baxter.

West Exchange St., near Brayton St., two-st'y frame foundry; owners, A. Carpenter & Sons; builder, H. R. Evans.

Westminster St., Nos. 265-267, five-st'y brick and stone building; owners, Wm. H. Low heirs; builders, N. B. Horton and J. K. Harris.

St. Louis, Mo.—Four-st'y brick hospital; cost, $60,000; owners, Alexian Bros.; architect, L. Kledus.

PROPOSALS.

Y. M. C. A. BUILDING.
[At Montreal, Can.]

The Young Men's Christian Association of Montreal will receive tenders **up to May 15, 1889, at 3 o'clock**, for the erection and completion of a Young Men's Christian Association Building at Montreal.

Tenders can be made for the entire work, or for the different branches separately.

The Committee do not bind themselves to accept the lowest or any tender.

Plans and specifications can be seen at the offices of the Young Men's Christian Association, Montreal, or at the office of Messrs. Fuller & Wheeler, architects, Albany, N. Y.

All tenders to be sealed and addressed to
D. A. BUDGE,
Secretary, Young Men's Christian Association,
697 Montreal, Can.

STATE-HOUSE.
[At Topeka, Kan.]

Proposals will be received **up to 12 o'clock M., on May 20, 1889,** for the following work on the new State-House at Topeka, Kan:

The roofing of the main building and dome.

The hollow tile and brick floor, arches and ceiling arches, etc., and all remaining iron-work, brass-work, etc.

Plans can be seen at the office of the State-House Commissioners at the Capitol Building in Topeka, Kan.

Printed specifications can be had on application to the above office.

Any or all proposals may be rejected.

By order of the Board of State-House Commissioners.
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Proposals for enamelled bricks. Office of Building for Library of Congress, 145 East Capitol Street, Washington, D. C., April 23, 1889. Sealed proposals for furnishing and delivering 550,000, more or less enamelled bricks for the Building for the Library of Congress in this city, will be received at this office until 2 o'clock P. M., on Thursday the sixteenth day of May, 1889, and opened immediately thereafter in presence of bidders. Specifications, general instructions and conditions, and blank forms of proposal may be obtained on application to this office. BERNARD R. GREEN, Superintendent and Engineer.
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PROPOSALS.

Highland Park, Ill., March 30, 1889. Sealed proposals, in triplicate, will be received at this office until 10 o'clock A. M., Tuesday, April 30, 1889, and then opened for furnishing all material and labor, and erecting at Fort Sheridan, Ill., the following buildings, viz.: One barrack wing for six companies, one store-house, one guard-house, one quartermaster's stable, one double set of non-commissioned officers' quarters, two sets field officers' quarters, seven sets captains' quarters, fifteen sets lieutenants' quarters, one building for shops, one bakery and one coal-shed. Subject to an increase or decrease of twenty per cent in the number of lieutenants' quarters. The Government reserves the right to reject any or all bids, or parts thereof. Bidders are requested to state the time required to complete the work. All information furnished upon application to this office. Detailed plans and specifications can also be seen at the office of the undersigned in the Pullman Building, Chicago, Ill., and at the Depot Quartermaster's office, New York City. Envelopes containing proposals will be marked "Proposals for Buildings at Fort Sheridan, Ill.," and addressed to the undersigned. CROSBY P. MILLER, A. Q. M., United States Army.
696

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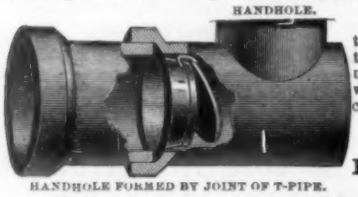
Protect yourselves against Sewer Gas and Back Water by using

The Palmer Pat. Sanitary Sewer-Trap or Safety-Valve.

Manufactured by THE ERIE CITY FOUNDRY, ERIE, PA.

Infinitely superior to any "Water Trap" ever made. Sizes for 3, 4, 6, 8, and 9 in. pipe



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This cut represents our House-Connection Valve set in the hub end of a piece of clay pipe. By trimming off the flange of the valve, a very easy matter, it can be used in iron pipe as well. It is made of indestructable white composition metal which can not rust. Valve cannot fail to act.

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We also manufacture an iron Street Valve in two sizes, viz: 10 in. by 15 in., and 18in. by 18 in.

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Displaces all others wherever introduced — SINKS — Painted, Galvanized, Enameled

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SHOWING THREE TUBS SET UP.

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Will not absorb, leak or decay.

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Solid White Crockery Sinks, Comprising Butler's Pantry, Kitchen, Slop, etc.,

Made of same material as the tubs. Very strong, well glazed, no labor required to keep clean.

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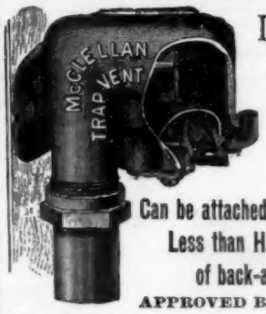

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Can be attached to any Trap at Less than Half the Cost of back-air pipes.

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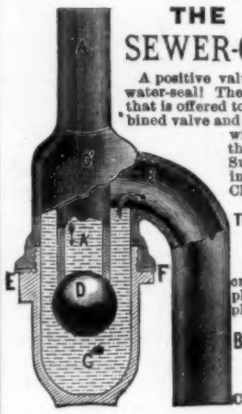

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Requires no Ventilation.

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This style of trap is endorsed by *Architects* and *Physicians* generally, as the safest in the market to prevent *Sewer Gas* from entering the house. It also has no mechanical devices to get out of order, which is a very important point.

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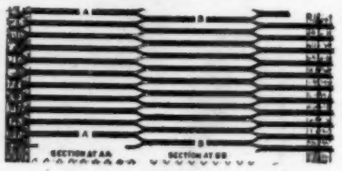

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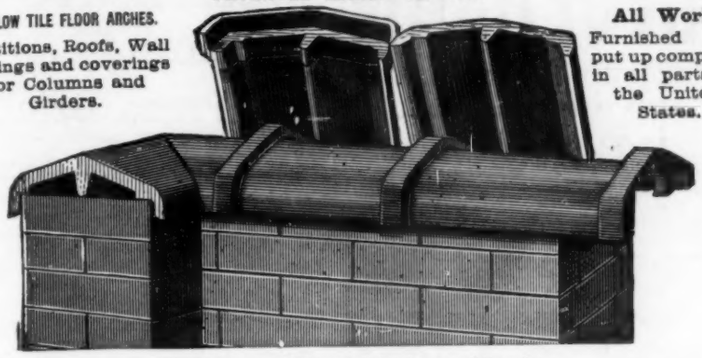

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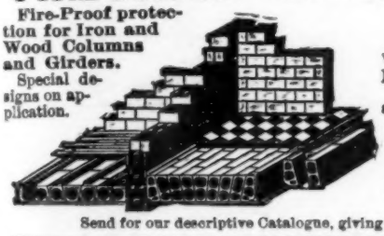

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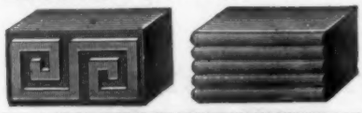

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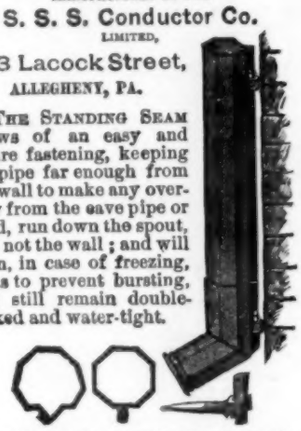

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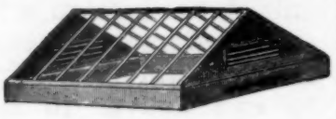

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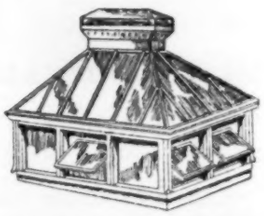

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Every description of Ornamental Plaster and Portland Cement work
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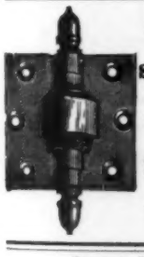

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CANNOT BE PUT ON WRONG.
They work either way, right or left. All sizes. Single or double acting.
For Wire Screens or Light Doors they have no equal.
Send for Price List.
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[*NOTE.*—To the best of our belief the experts named in this list are in position to give unbiased advice.]

Acoustics.

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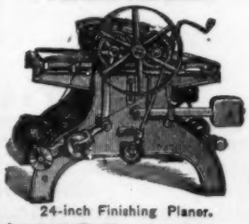

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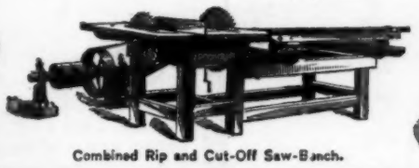

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LUMBER.—₱ M.	New York. (*Wholesale Prices.*)	Boston. (*Wholesale Prices.*)	Chicago. (*Prices to Builders and Contractors.*)	Philadelphia. (*Prices to Builders and Contractors.*)
Boards: (*Ordinary dimensions.*)				
Pine, 1st quality, clear	65 00 @ 75 00	50 00 @ 60 00	47 00 @ 48 00	55 00 @ 60 00
" 2d quality	55 00 @ 60 00	42 00 @ 50 00	43 00 @ 45 00	40 00 @ 50 50
" 3d quality	18 00 @ 22 00	35 00 @ 40 00	39 00 @ 41 00	15 00 @ 30 00
Spruce	@ 25 00	12 00 @ 25 00	*Not sold.*	20 00 @ 22 00
Hemlock	on 13½ @ 14	13 00 @ 15 00	@ 11 00	12 00 @ 15 00
Yellow pine	20 @ 40	25 00 @ 35 00	@ 23 00	@ 23 00
Cypress	@	32 00 @ 40 00	@	40 00 @ 45 00
Clapboards:				
Pine	@	33 00 @ 55 00	10 00 @ 21 00	20 00 @ 35 00
Spruce	@	15 00 @ 35 00	*Not sold.*	*Not Sold.*
Framing Timber:				
Pine			14 00 @ 15 00	25 00 @ 30 00
Spruce	14 00 @ 18 00	15 00 @ 18 00	*Not sold.*	16 00 @ 20 00
Hemlock	12 00 @ 16 00	12 50 @ 15 00	*Not Sold.*	11 00 @ 14 00
Yellow pine	18 00 @ 21 00	24 00 @ 35 00		20 00 @ 25 00
Laths:				
Pine	@	2 25 @ 2 35	@ 2 20	@ 2 50
Spruce	2 25 @ 2 35	2 25 @ 2 50	*Not sold.*	@ 2 25
Shingles:				
Pine, shaved ₱ M	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed "	4 00 @ 5 00	@ 4 50	2 35 @ 2 60	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood ₱ 125	1 40 @ 1 60	3 75 @ 4 00	6 50 @ 8 00	20" $35 @ 40
Cedar, split ₱ M	@	@	*Not sold.*	24" 8 @ 21
Cedar, sawed "	@	2 00 @ 4 00	2 20 @ 2 45	30" 35 @ 14
Cypress. Split....7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 75 @ 4 25	11 00 @ 14 00
Miscellaneous:				
Piles ₱ ft.	4½ @ 5½	Piles 6c. ₱ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)		25 @ 50	9 @ 21	4 @ 1 25
Chestnut "	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: ₱ M. (*First Qual.*)				
Ash [*Kiln dried.*]	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	45 00
Cherry	80 00 @ 120 00	85 00 @ 120 00	80 00 @ 110 00	75 00 @ 80 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 5500	70 00 @ 80 00
Hard-pine floors (rift)		48 00 @ 50 00		
Mahogany, Baywood [Mexican]	@ 180 00	150 00 @ 160 00	150 00 @ 180 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	220 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	25 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	35 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 80 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 45 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	30 00 @ 75 00	45 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ₱ lb	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		30 00 @ 32 00		
Walnut, black	125 00 @ 150 00	80 00 @ 120 00	80 00 @ 110 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	30 00 @ 35 00	25 00 @ 40 00
Yellow pine ₱ M	@ 45 00	40 00 @ 42 00	30 00 @ 35 50	27 50 @ 45 00

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—OF—
STABLE FITTINGS.
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Re-Insurance Fund	1,070,003.98
Surplus	528,957.89
Total Assets Jan. 1, 1886	$2,220,371.31

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Plain, Japanned or Galvanized.
The Most Perfect and Economic System of FIREPROOF Construction.
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We desire to notify purchasers of Steam-Pumps that numerous cheap imitations of Worthington Pumps are being manufactured. It is usually represented that they are made by us or from our patterns, and being apparently close copies, they readily deceive those who are not familiar with our machines. By this method some of them have been introduced and as their construction is invariably of inferior quality the unsuspecting buyer is imposed upon and suffers correspondingly.
We therefore call special attention to the existence of these imitations and to the fact that our machinery is conspicuously marked with our trade name, the use of which by any other manufacturer is unauthorized and illegal.
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Welded Chrome Steel and Iron. (5 ply).

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BUILDING MATERIALS.

Reported for the American Architect and Building News.

BRICK.—₱ M.	New York. (Wholesale Prices.)	Boston.	Chicago. (Prices to Builders and Contractors.)	Philadelphia.
Common: *Cargo afloat.*				
Pale	$3 25 @ 3 75	Eastern $8 50 @ 9 00	Building Brick $6 50 @ 7 00	Sq. Hard @ 12 00
Jersey	6 50 @ 7 50	Bay State Hard 9 50		" @ 9 00
Long Island	@	Domestic Com. 9 50 @ 10 00	Indiana Pressed 16 00 @ 22 00	Salmon @ 00
Up River	7 50 @ 8 00	Domestic Face 20 00 @ 22 00	St. Louis Fronts @ 27 00	Sq. " @ 9 00
Haverstraw Bay 2nd	@ 8 00	Philadelphia 40 00 @ 45 00		Light Stretchers @ 12 00
" 1st	8 25 @ 8 50	Phila. mould 50 00 @ 80 00		Medium " @ 14 00
Hollow	@ 13 00		18 00 @ 27 00	Red " @ 15 00
Fronts		Anderson 14 00 @ 32 00	65 00 @ 350 00	Dark " @ 15 00
Croton, Brown	14 00 @ 15 00		45 00 @ 55 00	Pressed 22 00 @ 25 00
" dark	15 00 @ 16 00		45 00 @ 50 00	Best Paving @ 16 00
" red	15 00 @ 16 00		25 00 @	Second " @ 14 00
Chicago pressed (Anderson)			60 00 @ 100 00	Third " @ 13 00
Chicago Moulded			30 @	
Baltimore	37 00 @ 41 00		35 @	
Philadelphia	27 00 @ 28 00		55 00 @ 65 00	
Trenton	@ 27 00			
Milwaukee			@ 100 00	Dom. @ 65
Moulded:			@ 120 00	@ 85
Red	25 00 @ 27 00			
	30 00 @ 35 00			
White Glens Falls Mold	45 00 @ 60 00			
Enamelled: *Imp.*				
Enamelled (edge.)	85 00 @ 100 00			
Enamelled (edge and end)	90 00 @ 115 00			
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	1 00 @ 1 10	@ 1 40	*Not Sold.*	1 30 @ 1 50
Louisville "			1 05 @ 1 30	B & S.E. 275 @ 300
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	*Not sold.*	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	@ 3 00	2 75 @ 3 25	2 85 @ 3 15
" (K. B. & S.)	2 50 @ 3 00	@ 2 85	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	@ 2 85	3 00 @ 3 25	2 85 @ 3 15
" " (Burham)	2 50 @ 2 80	@ 2 85	2 90 @ 3 15	2 50 @ 2 75
" " (White's)	2 65 @ 3 00	@ 2 85	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	3 00 @ 3 25	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	2 80 @ 3 15	2 50 @ 2 75
" " (Vorwohler)	2 50 @ 2 90		2 80 @ 3 15	Josson
" " (Lagerdofer)	@	*Not sold.*	2 75 @ 3 00	2 50 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	2 85 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not Sold.*	2 75 @ 3 00
" " Stettin, (Anchor)	2 35 @ 2 85		*Not Sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 50 @ 2 75
Roman	2 75 @ 3 00	@ 3 20	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	7 00 @ 7 50	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	11 00 @ 12 00	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30 ₱ bush
Chicago Lime in bulk		St. John 1 00	55 @	White Mean
Wisconsin "	@ 1 00		60 @	1 25 @ 150
Rockland and Rockport, (Com.)	@ 1 20	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 1 20	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 85	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 1 10	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing "	1 20 @ 1 25	*Not sold.*	*Not sold.*	*Not sold*
Plaster of Paris (calcined.)	1 30 @ 1 35	1 85 @ 2 00	1 85 @ 1 90	1 25 @ 2 25
" (casting)	18 @ 21	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ *bush*	25 @ 28	25 @ 30	30 @ 25	22 @ 30
" (Goat)	1 00 @ 1 25	@ 90	30 @ 55	30 @ 35
Sand, ₱ *load*		1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)	45 @ 1 25	@ 60	50 @	55 @ 65
Limestone:		85 @ 1 00	35 @ 55	75 @ 90
Bedford	@ 1 00		@ 60	Richmond
Joliet	@		@ 1 00	75 @ 1 88
Lemont	@			4 50 ₱ Perch
Serpentine				

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as the summer you have so much enjoyed?

The Novelty Furnace

will fill your house with the same warm pleasant balmy atmosphere that has made the past season delightful.

Absolutely free from gas.
No dust in the hot-air pipes.
Servants run them successfully.

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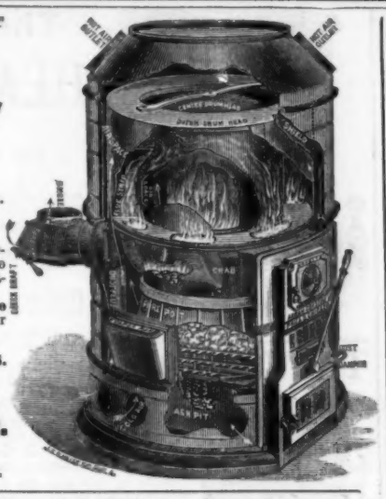

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Foundation:				
Dimension	@	5 00 ℔ ton	20 @	℔ 5 00
Block	@	4 60 ℔ perch		Conshocken
Rubble	@	1 25 @ 1 50	3 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed	50 @ 6 00	75	50 @ 1 00	37 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		95 @ 1 16
Kibbe	@ 90	90 @ 1 10		
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	55 @ 1 00
Berea } Ohio	75 @ 1 00	80 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 4
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 00 @ 1 1
Caen	@	@ 2 00	"	1 25 @ 1 5
Carlisle, English	@ 1 05	80 @ 90		95 @ 1 1
Corse Hill (Scotch)	1 05			
Marble (℔ *cu. ft.*)				
Lee, Mass.	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and Blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black		2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined		50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna		3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red		1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville		85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue			*Not sold.*	2 00 @ 3 00
Vermont, white		1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75		6 25 @ 8 85	3 25 @ 4 00
" " Chapmans	@		7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am. ℔ M			*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil,* ℔ *lb.*)				
White lead, Am.	7 @ 7½	7 @ 7½	6½ @ 7	@ 7
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am.	6½ @ 7	7 @ 7½	6½ @ 7½	@ 7
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. @ 66
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	@ 12
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" @ 18
Black, lamp,	15 @ 25	15 @ 25	8 @ 30	@ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw) (℔ gal.)	56 @ 58	58 @ 59	56 @ 57	@ 58
" " boiled	59 @ 61	61 @ 62	59 @ 60	@ 60
Turpentine	46 @ 47	46 @ 49	47 @ 52	@ 54
Varnish, coach	@	1 50 @ 6 00	1 25 @ 2 00	@ 2 75
Shellac	@	2 50 @ 3 00	2 25 @ 4 00	@ 3 25
Putty	2	2 @ 4	02½ @	@ 2
Whiting (℔ *cwt.*)	75 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.,)	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Litharge, Am	5½ @ 6	5½ @ 6½	6½ @ 7½	@ 7
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	@ 14
Umber, "	14 @ 20	14 @ 20	2 @ 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@ 2 15	2 05 @	pr kg @ 2 10
10d. common	@ 2 60	@ 2 15	@ 2 15	@ 2 10
Shingle	@ 3 35	@ 2 65	@ 2 65	@ 2 40
Lath	@ 4 85	@ 3 65	@ 3 55	3 00 @ 3 50
Finishing nails according to size.)			Add .85 to $1.15	per ℔ 11 @ 14
(*For casing nails add 75c. per keg.*)			" .50 to .90	Add pr cask
Butts: 4" x 4" (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 44
Japanned	@ 1 50	@ 1 75	*Not sold.*	@ 1 57
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	175 @ 2 00
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Solder:		16 00 @ 17 00	13 00 @ 15 %	22 @ 35
Sheet Lead		@ 6½		12 @ 13½
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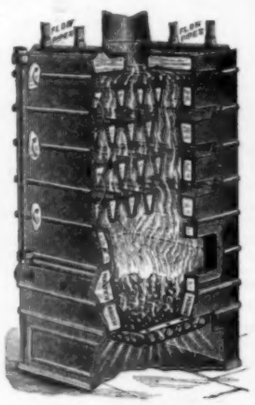

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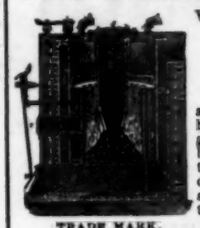

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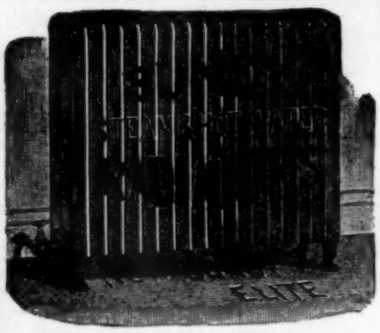

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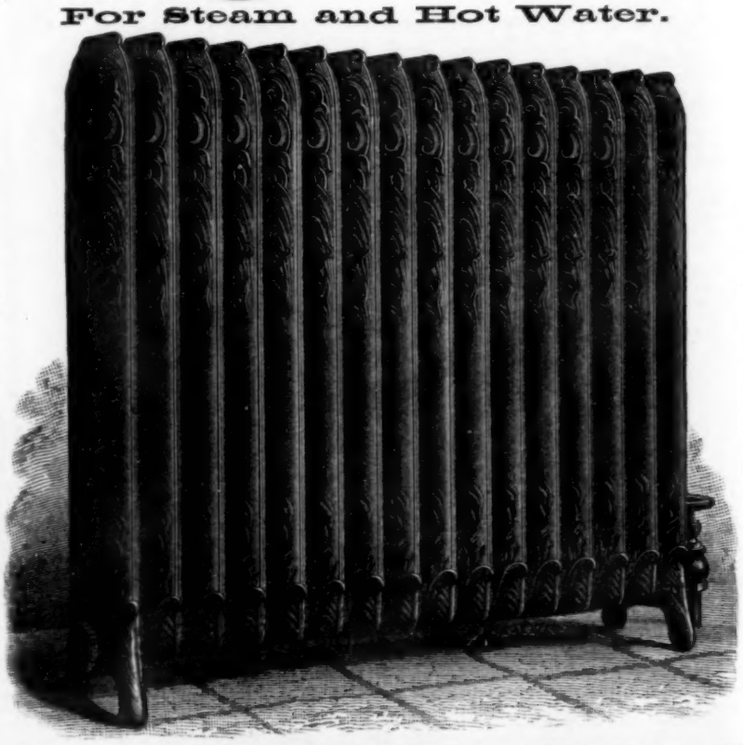

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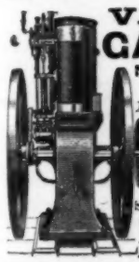

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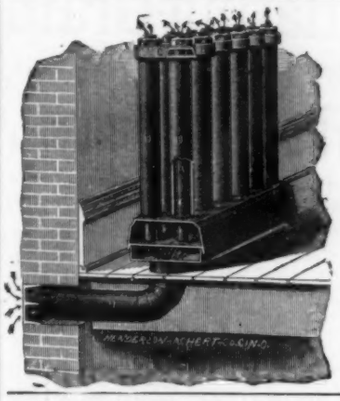

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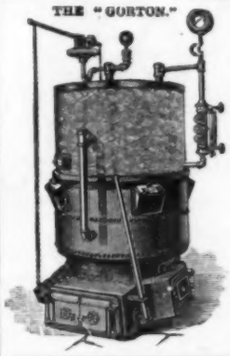

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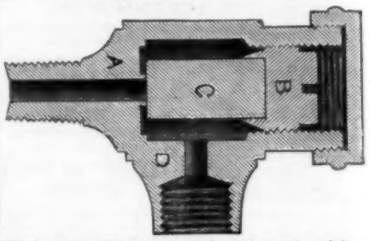

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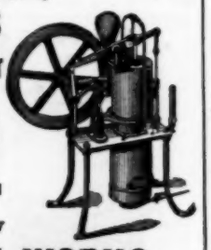

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CALDWELL MFG. CO. (Rochester, N. Y.), Sash-Balance. Page 6, Supplement.
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WANTED.

DRAUGHTSMAN. — Young man; send age, good references, and salary expected. Address Wilson Eyre, Jr., architect, 927 Chestnut Street, Philadelphia, Pa. t.f.

WANTED.

DRAUGHTSMEN. — General architectural draughtsmen. State experience, reference and salary expected, to R. Montfort, Chief Engineer, L. & N. R. R. Co., Louisville, Ky. 697

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DRAUGHTSMAN. — A first-class draughtsman, well-trained and of good address, can secure a good position and a liberal salary by addressing E. F. Caldwell, 527-37 West Thirty-fourth Street, New York, N. Y. 697

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DRAUGHTSMAN. — Wanted, an experienced draughtsman well up in detail and design. Address, with particulars, Scott, Kamper & Scott, Architects, Detroit, Mich. 697

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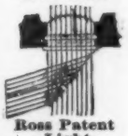

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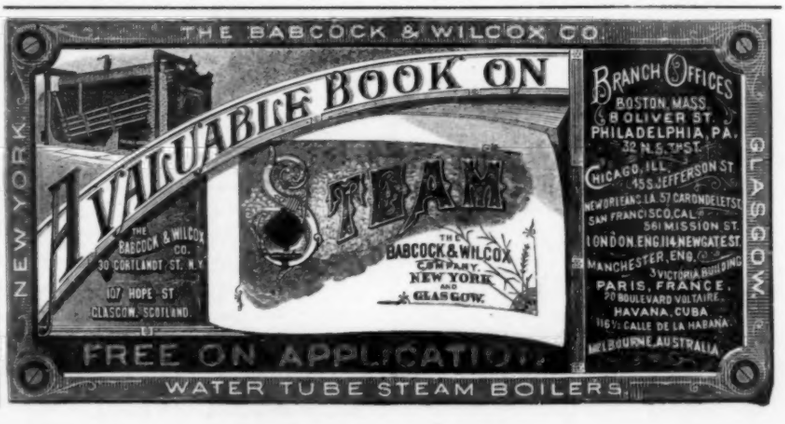

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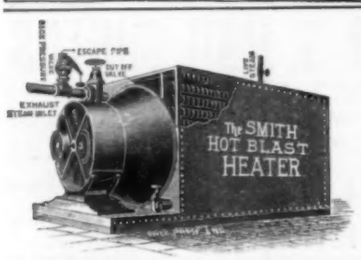

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Boston, Mass.—*Hancock St., No.* 6, Ward 10, general repairs to brick dwell.; owner, Emily G. Perry; builder, C. R. Morgan.

State St., Nos. 8-10, repair fire damage to offices, etc.; owners, Treadwell heirs; builder, J. J. Shaw.

Tremont St., No. 100, repairs to Horticultural Hall; owners, Massachusetts Horticultural Society.

West St., No. 30, cor. Mason St., Ward 10, remodel mercantile building; owner, Sarah E. Lawrence; builder, J. G. Scott.

Myrtle Pl., off Glenwood St., Ward 21, alter dwell to flat; owner, Mrs. E. A. Jenness; builder, I. G. Hamilton.

Unity St., No. 17, Ward 6, alter dwell. to flat; owner, R. Kennealey; builder, M. F. McDonald.

Hanover St., No. 454, Ward 6, alter dwell. to flat; owner, Mary Bayley; builders, Andrews & Sharkey.

Greenville St., No. 7, Ward 21, alter dwell. to flat; owner, M. T. Clark; builder, E. B. Witherspoon.

Chicago, Ill.—A. Dinet, three-st'y addition, Milwaukee Ave.; cost, $8,000; architect, T. Lewandowski.

Philadelphia, Pa.—*Palethorp St.*, e s, bet. Huntingdon St. and Lehigh Ave., T. H. Doan, 3627 Baring St., is making a brick addition to a factory.

Thos. H. Chambers is putting in a new front at 3533 Rockland St.

North Fourth St., No. 66, iron shed over part of the yard; owners, Stiffel & Freeman.

BUILDING INTELLIGENCE.

St. Louis, Mo.—Addition to two-st'y brick flats; cost, $3,000; owner, E. S. Child; sub-let.

APARTMENT-HOUSES.

Brooklyn, N. Y.—*St. Johns Pl.*, s s, e Fifth Ave., 4 four-st'y brick flats, tin roofs; cost, each, $9,000; owner, L. Bonard, on premises; architect, G. W. Bush.

St. Johns Pl., n s, 100′ e Fifth Ave., 5 four-st'y brick flats, tin roofs; cost, each, $9,000; owner, etc., same as last.

Nostrand Ave., w s, from Halsey to Macon Sts., five-st'y brick apartment, tin and slate roof; cost, $200,000; owner, Louis F. Seitz, 31 Herkimer St.; architect, M. W. Morris; builders, Morris & Selover; mason, P. Cleary.

Gates Ave., s s, 125′ w Bushwick Ave., 9 three-st'y brick flats, tin roofs; cost, each, $7,500; owners and builders, Moores & Le Quesne, 813 Van Buren St.; architect, Chas. A. Le Quesne.

Ninety-seventh St., s s, 150′ w Ninth Ave., 2 five-st'y brick and stone apartments; cost, $50,000; owners, T. J. Jenkins & Bro.; architect, George M. Walgroove.

Chicago, Ill.—W. W. Henderson, five-st'y apartment, Indiana Ave.; cost, $75,000; architect, W. A. Furber.

A. Elston, three-st'y flats, Cypress St.; cost, $4,500; architects, Ostley Bros.

E. T. Hedrich, two-st'y flats, Burling St.; cost, $2,500; architects, Miller & Remlin.

Herring & Goggin, 2 three-st'y flats, Sheffield St.; cost, $9,000; architect, J. Bougard.

L. Gortner, four-st'y flats, West Eighteenth St.; cost, $6,000; architects, Furst & Rudolph.

G. Miller, two-st'y flats, West Twentieth St.; cost, $2,800; architect, H. Olszewski.

F. H. Follensbee, 2 four-st'y flats, Wabash Ave.; cost, $12,000; architect, J. C. Zarbell.

D. C. Martz, two-st'y flats, Rice St.; cost, $2,800; architect, R. H. Sherriff.

BUILDING INTELLIGENCE.

J. Lange, two-st'y flats, Fowler St.; cost, $3,500; architect, A. F. Wolf.

J. Ewert, two-st'y flats, Le Moyne Ave.; cost, $3,000; architect, H. Rieper.

M. Oder, three-st'y flats, Halsted St.; cost, $6,000; architect, C. Mehler.

New York, N. Y.—*East Seventy-fifth St., No.* 423, five-st'y brick flat, tin roof; cost, $18,600; owner, Hermann Masche, 688 East One Hundred and Sixty-fourth St.; architect, John C. Burne, 1531 Third Ave.

Eighty-seventh St., n s, 75′ w Second Ave., 3 five-st'y brick flats, tin roofs; cost, $51,000; owners, Higgins & King, 1420 Second Ave.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Ninth Ave., No. 1077, five-st'y brick flat, tin roof; cost, $20,000; owner, Michael Giblin, Sixty-seventh St. and Ninth Ave.; architect, Max Hensel, Sixty-seventh St. and Ninth Ave.

One Hundred and Twenty-third St., n s, 100′ e Eighth Ave., five-st'y brick flat, tin roof; cost, $20,000; owner, Wm. Openhym, 50 Green St.; architects, Thom & Wilson, 1267 Broadway.

Eighth Ave., n e cor. One Hundred and Twenty-third St., five-st'y brick flat, tin roof; cost, $34,000; owner, Wm. Openhym, 50 Green St.; architects, Thom & Wilson, 1267 Broadway.

Ninth Ave., e s, 25′ 5″ n One Hundred and Second St., 3 five-st'y brick flats, tin roofs; cost, $37,500; owner, Albert E. Smith, 107 West Ninety-eighth St.; architects, Averill, Webster & Hammond, 110 East One Hundred and Twenty-fifth St.

East Twenty-eighth St., No. 233, five-st'y brick flat, tin roof; cost, $20,000; owner, Patrick Lavelle,

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229 East Twentieth St.; architects, Rentz & Lang, 153 Fourth Ave.

CHURCHES.

Aberdeen, Miss.—Church, to cost $12,000, will be built by the Methodists.

New York, N. Y.—*East One Hundred and Twelfth St., No.* 160, the Moses Montefiore Congregation will build a buff brick synagogue, with stone trimmings; cost, $30,000; architect, A. I. Finkle.

Philadelphia, Pa.—*Fitzwater St.*, cor. Gray's Ferry Rd., Church of St. Anthony of Padua; architect, Frank R. Watson, 518 Walnut St.

Wallace St., e Forty-third St., one-st'y chapel; builder, Jacob Myers, 1315 Sansom St.

Providence, R. I.—*Irving and Academy Aves.*, brick church and rectory; owners, Church of the Blessed Sacrament; builders, Murphy Bros.

FACTORIES.

Boston, Mass.—*Norfolk St., No.* 66, Ward 20, two-st'y brick factory, flat roof, 35′ x 100′; owner, James F. Morse; builder, R. B. Plummer, Jr.

Philadelphia, Pa. — *Walnut St.*, s s, w Thirty-second St., brick factory; owners, Henderson, Eckert & Kilpatrick, 2003 Porcelain St.

St. Louis, Mo.—One-st'y brick factory; cost, $10,000; owners, Moran Nut & Bolt Works; architect, M. Duffy.

HOTELS.

Philadelphia, Pa.—*Chestnut St., Nos.* 1524-1526, the West End Hotel was purchased April 5, 1889, of Anthony A. Hirst by William Weightman for $175,000. The hotel is five stories high, and has ninety-six rooms. The building will be remodelled. The rear portions will be rebuilt for manufacturing purposes.

HOUSES.

Baltimore, Md.— W. L. Stork, 6 three-st'y brick buildings, mansard roofs, beg. n w cor. Eutaw Pl. and North Ave.

E. Y. O'Keefe, 2 two-st'y frame buildings, n s Frederick Ave., opp. London Park Cemetery.

Mary Brown, 2 two-st'y brick buildings, n s Frederick Ave., near city limits.

M. A. Frederick, three-st'y brick building, e s Park Ave., bet. Mulberry and Saratoga Sts.

Conrad Hild, three-st'y brick building, e s Pennsylvania Ave., bet. Mosher and McMechin Sts.

Frederick Bucher, three-st'y brick building, n s Canton Ave., bet. Broadway and Register Sts.

H. M. Reinhart, 5 three-st'y brick buildings, e s Park Ave., n Mosher St.

Geo. Bunnecke, 5 two-st'y brick buildings, e s Shepard Alley, bet. Reinhart and St. Peter's Sts.

Jas. H. McAfee, 5 three-st'y brick buildings, n s Lanvale St., bet. Lovegrove Alley and St. Paul St.; 4 three-st'y brick buildings, w s St. Paul St., n Lanvale St.; 7 three-st'y brick buildings, e s St. Paul St., beg. n w cor. Lanvale St.; and 2 three-st'y brick buildings, n s Lanvale St., beg. n w cor. Hargrove Alley.

Dr. G. Lane Taneyhill, three-st'y brick building, mansard roof, e s Madison Ave., n Hoffman St.

E. J. Gallagher, 3 two-st'y brick buildings, beg. s w cor. Dillon and Potomac Sts.

Smith & Schwartz, 5 two-st'y brick buildings, e s Lancaster St., bet. Port and Burke Sts.; and 18 two-st'y brick buildings, w s Cannon St., bet. Lancaster and Hudson Sts.

J. Frank Griffin, 8 two-st'y brick buildings, e s Pennsylvania Ave., s Bloom St.

Boston, Mass.—*Tuttle Ave.*, near Savin Hill Ave., Ward 24, three-st'y frame dwell., 27′ x 34′; owner, W. Watkins; builder, G. W. Hamilton.

Unnamed Pl., off Oakdale St., No. 8, Ward 23, four frame dwells., 19′ x 45′ 8″; owners, A. Talbot heirs; builder, G. A. Cahill.

Carruth St., cor. Rowena St., Ward 24, frame dwell., 26′ x 29′ 6″; owner, Abigail Woodward; builder, H. H. Delorie.

Marshfield St., near Batchelder St., Ward 20, three-st'y frame dwell., flat roof, 26′ 6″ x 38′ 6″; owners, I. Piotti and J. Mashero, Trus.; builder, J. D. McKenzie.

Enfield St., near Spring Park Ave., Ward 23, 2 three-st'y frame dwells., flat roofs, 25′ x 60′; owner, C. Wiescopf; builder, P. J. Hanlon.

Summit St., Nos. 9-11, Ward 21, 2 three-st'y frame dwells., flat roofs, 22′ x 47′; owner, J. G. Haynes; builder, G. W. Pope.

Child St., near South St., Ward 23, three-st'y frame dwell., pitch roof, 23′ x 47′; owner, T. Fallon; builder, J. J. Flynn.

Washington St., No. 1130, Ward 24, two-st'y frame dwell. and store, mansard roof, 29′ x 56′; owner, Charlotte Morgan.

Salem St., near Albano St., Ward 23, frame dwell., 24′ x 42′; owner, Annie Davis; builder, J. H. Currey

Dorchester Ave., near Pearl St., Ward 24, three-st'y frame dwell., flat roof, 26′ x 45′; owner, T. Halloran; builder, P. F. Hanlon.

Beech Glen St., near Highland St., Ward 21, frame dwell., 25′ x 52′; owner, J. W. Day; builder, Valentine Bock.

Hewlett St., near Centre St., Ward 23, frame dwell., 25′ 2″ x 41′ 8″; owner, E. W. Willard; builders, Stevens & Morrison.

Beaumont St., cor. Fairfax St., Ward 24, frame dwell., 30′ 10″ x 33′ 6″; owner, E. B. Thomas; builder, F. M. Severance.

Marion St., near Florence St., Ward 23, frame dwell., 20′ x 28′; owner, Mrs. S. W. Weld; builders, Dame & Warner.

[*Continued on page* xvi.]

Comments of the Press on a New Book

By MERCHANT & CO.

ENTITLED:

"A TIN ROOF."

A Valuable Book.

UNDER the title "*A Tin Roof*," Messrs. Merchant & Co., Philadelphia, have published a valuable work on the subject of roofing materials. No architect can afford to be without the book, as it treats very fully on a subject with which he should be conversant. The book has been compiled by one thoroughly versed in the subject of tin roofing, and it touches on different features of the subject which have heretofore never been published, and it is to be questioned whether the information could be obtained by architects from the roofing trade. The closing paragraph of the book is as follows: "We are prepared to prove that we were the first to introduce guaranteed plates and stamp every sheet with the name of the brand and thickness; and having also done away with the imperfect or waste sheets to further protect architects (who wish to specify and property owners who want to use the best), we feel that we have a right, under these circumstances, to ask that our guaranteed brands shall not be specified along with other brands in the market, which are inferior in quality, coating, weight and assortment." Architects throughout the country will do well to secure a copy of the book, which can be done by addressing Merchant & Co., Philadelphia.—*Philadelphia Evening Call*, February 18, 1889.

Something Worth Reading.

"*A Tin Roof*" is the title of a little book just issued by Messrs. Merchant & Co., 517 Arch Street, Philadelphia. The purpose of the publication is to supply to builders, architects, and the general public some exact information as to the best methods of constructing a tin roof and as to the right materials to be used to secure satisfactory and permanent results. We especially recommend the book, which is intended for gratuitous distribution, to mill-owners. They are very apt to entrust the matter of roofing wholly to builders, and they usually know very little about the character of the tin used or the excellence or defectiveness of the job. This pamphlet will help them to protect their interests. It is very explicit, perfectly comprehensible, and we think wholly trustworthy. It is quite profusely illustrated, and the cuts indicate processes of applying tin-roofing which insure excellence.—*Philadelphia Telegraph*, February 16, 1889.

MESSRS. MERCHANT & CO., of Philadelphia, are about to issue a work on the subject of tin roofing for the benefit of architects, which they have had compiled at considerable expense and labor by one thoroughly versed in the subject of tin roofing. It touches on different features of the subject which have heretofore never been published. While this work is issued partly as an advertisement of their guaranteed plates, it will be found to contain very valuable information. It is for distribution to those who want the information, though it is not their purpose to send it out broadcast, as it is too valuable a work in itself to go into the waste basket. The book will be nicely bound, and the title will be "*A Tin Roof*." Messrs. Merchant & Co., have done all in their power to bring about the use of a better class of material, and were the first to introduce plates every sheet stamped with the brand and thickness, and as the doing away with the wasters, or imperfect sheets, has been the cause of great loss of profit to this concern, in their determination to keep faith with the architectural profession, they find that in some cases even leading architects are to-day simply using their brands as a figure-head, and are inserting in their specifications not only cheaper brands than theirs, but brands the wasters of which can be obtained and will be used. Consequently they have now taken the stand to simply ask the architect to drop their brands entirely if they are to be used with inferior goods, as they do not care to be held responsible by their clients when the roof proves inferior by reason of the use of cheaper material than they offer to the public.—From *Manufacturers' Record*, Baltimore, of February 9, 1889.

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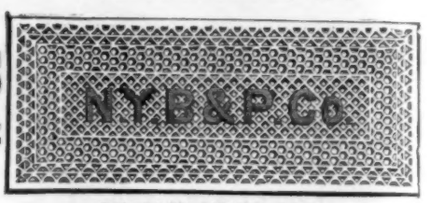

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BUILDING INTELLIGENCE.

East Dedham St., Nos. 79-81, and cor. Andrews St., Ward 17, 3 three-st'y brick dwells., 19' 6" x 36'; owner and builder, T. Connelly.

Newbury St., Nos. 422-424, Ward 22, 2 three-st'y brick dwells., flat roofs, 27' 6" x 44'; owner and builder, T. R. White.

Robin Hood St., near Hartford St., Ward 20, frame dwell., 30' x 32'; owners and builders, F. M. & A. G. Frost.

Walter St., rear, near opp. Mozart Ave., Ward 23, frame dwell., 20' x 34'; owner and builder, A. W. Knowles.

Monadnock St., near Cedar Pl., Ward 20, 3 three-st'y frame dwells., flat roofs, 24' x 48'; owner and builder, A. B. H. Chapin.

Brooklyn, N. Y.—*Clinton Ave., No.* 300, w s, 100' s De Kalb Ave., four-st'y brick dwell., tin and mansard roof; cost, $16,000; owner, Wm. Harkness, 690 Fulton St.; architect, M. Thomas; builders, Martin & Lee; mason, J. M. Brown.

Hull St., s s, 225' e Rockaway Ave., 5 two-st'y brick dwells., tin roofs; cost, $15,000; owner and architect, Daniel Lauer, 684 Herkimer St.; builders, Weeks & Lauer; mason, C. Bauer.

Stagg St., s s, 50' e Waterbury St., 2 three-st'y frame (brick-filled) dwells., tin roofs; cost, $9,500; owner and builder, Bernhardt Guensch, 88 Hamburg Ave.; architects, David Acker & Son.

Ashford St., w s, 100' s Arlington Ave., two-st'y frame dwell., tin roof; cost, $3,200; owner, S. C. Martin; architect, A. W. Simpson; builder, J. I. Neuman.

Stagg St., No. 44, three-st'y frame (brick-filled) dwell., tin roof; cost, $4,500; owner, C. Staats, on premises; architects, David Acker & Son; builder, J. Fallon; masons, Spath & Senger.

Siegel St., No. 46, s s, 175' w Ewen St., three-st'y frame (brick-filled) dwell., tin roof; cost, $4,800; owner and builder, M. Weil, 48 Seigel St.; architect, Th. Engelhardt.

Seventh St., s s, 71' e Third Ave., three-st'y brick dwell., gravel roof; cost, $4,500; owner, architect and builder, Frank K. Taylor, 83 Third Pl.

Bainbridge St., s s, 125' w Ralph Ave., 4 three-st'y frame dwells., felt and gravel roofs; cost, $1,500 each; owner, Elizabeth Phelan, 346 Bainbridge St.; architect, T. F. Thomas; builder, J. Phelan.

Gwinnett St., Nos. 147-149, n s, 140' e Harrison Ave., 2 three-st'y frame (brick-filled) dwells., tin roofs; cost, each, $6,500; owner, Wm. Brenner, 151 Gwinnett St.; architect, H. Smith; builder not selected.

Reid Ave., n e cor. Lafayette Ave., four-st'y brick dwell., tin roof; cost, $10,500; owner and builder, H. Oetjen, Lafayette and Reid Aves.; architect, Th. Engelhardt.

Madison St., s s, 120' e Lewis Ave., 9 three-st'y brick dwells., tin roofs; total cost, $81,000; owner, Richard Geary, Broadway, near Halsey St.; architect and builder, Wm. Godfrey; mason, John Lofty.

Bushwick Ave., n s, 20' s Woodbine St., 6 three-st'y brick dwells., tin roofs; cost, $30,000; owner, Geo. F. Chapman, 32A Woodbine St.

Gates Ave., s s, 150' e Irving Ave., 3 three-st'y frame dwells.; cost, $13,800; owners, Rissler & Todebusch, cor. Gates and Irving Aves.; architect, B. Finkensieper.

Jerome St., n e cor. Eastern Parkway, three-st'y frame dwell., tin roof; cost, $5,600; owner, Henry B. Kopke, 1490 Gates Ave.; architect, C. Infanger; builder, C. Rocker.

Lincoln Pl., s s, 125' w Eighth Ave., three-st'y brick dwell., tin roof; cost, $18,000; owner, Wm. Spence, 226 Schermerhorn St.; architect, Charles Werner; builder, M. Ryan.

Bushwick Ave., n w cor. Suydam St., 2 four-st'y brick dwells., tin roofs; cost, $20,000; owner and builder, H. F. Praeger, 119 Reid Ave.; architect, Th. Engelhardt.

Vigelius St., n s, 300' e Bushwick Ave., 10 two-st'y frame dwells., tin roofs; cost, $30,000; owner, R. B. Muller, 37 Cornelia St.; architect and builder, Z. G. Hummel.

Chicago, Ill.—A. McIntosh, 3 three-st'y dwells., California Ave.; cost, $30,000; architect, C. N. Worthington.

A. E. Haverkampf, three-st'y dwell., Ashland Ave.; cost, $7,000; architect, W. Thomas.

G. Lehman, 6 two-st'y dwells., Washington Boul.; cost, $40,000; architect, C. A. Weary.

S. E. Kilts, three-st'y dwell., Vernon Ave.; cost, $5,000; architects, Adler & Sullivan.

S. L. Williams, three-st'y dwell., Ontario St.; cost, $8,000; architect, H. Raeder.

C. R. Williams, three-st'y dwell., Seeley Ave.; cost, $9,000; architect, W. Turnock.

J. E. Jennings, two-st'y dwell., Warren Ave.; cost, $5,000; architect, R. G. Pentecost.

T. Langstaff, two-st'y dwell., St. Louis Ave.; cost, $3,000; architect, J. Weir.

Cincinnati, O.—D. Westendorf, two-and-one-half-st'y dwell., Wheeler St.; cost, $3,600; architects, G. & A. Brink.

J. B. Eichelman, 3 two-st'y dwells., 76-78 Ravine St.; cost, each, $1,200; architect, A. J. Bast.

C. W. Baker, two-and-one-half-st'y brick and stone dwell., Reading Rd.; cost, $1,000; architect, W. W. Franklin.

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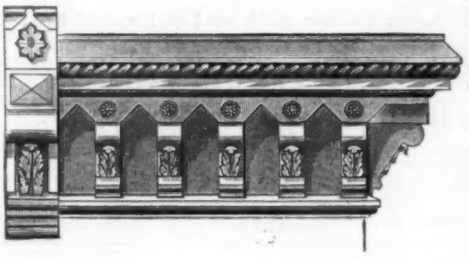

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Henry Baer, two-and-one-half-st'y dwell., Union St.; cost, $2,300; architect, J. J. Leeds.

Chas. H. Giese, two-and-one-half-st'y dwell., Cretine Ave.; cost, $3,500; architect, E. F. Baude.

W. Mayer, two-and-one-half-st'y brick dwell., Eden Ave.; cost, $3,500; architect, A. Rieg.

Mrs. Kate Cook, two-and-one-half-st'y brick dwell., Myrtle Ave.; cost, $7,000; architect, H. Wolf.

Council Bluffs, Iowa.—Three frame cottages; cost, $1,000 each; owners, Mrs. Stillman & Paxton.

Frame cottage; cost, $1,200; owner, Ira Hendricks.

Three-st'y double frame dwell., mansard roof; cost, $7,000; owner, Mrs. M. Stillman; plans under way.

Crete, Neb.—Frame cottage; cost, $1,200; owner, D. R. Hopkins; contract to be let.

Gloucester, N. J.—Frank Jones has received the contract to build 9 three-st'y frame dwells. on King St., ab. Morris St., for Simon Muhr, Esq., Philadelphia, Pa.; plumbers, Reeves & West, Camden, N. J.

Harrison, N. Y.—Constable Bros., 151 Broadway, New York, have finished plans for a dwell.

Philadelphia, Pa.—*Brunswick Ave. and Seventy-Eighth St.*, three-st'y frame dwell.; owner, Benjamin Jones, Brunswick Ave. and Seventy-eighth St. (New frames are only allowed in the outer districts.)

Adaline St., s w s, e Emerald St., 4 two-st'y brick dwells.; owners, Charles E. Rees & Bros., 2019 East Clearfield St.

Fairhill St., e s, ab. Pike St., 5 two-st'y dwells.; owner, Samuel Morrison, 3557 North Fifth St.

Indiana Ave., n s, e Third St., 14 brick dwells., one with store; owner, Thomas Bower, 2961 North Third St.

Forty-fifth St., ab. Seneca St., and Forty-sixth St., ab. Seneca St., 6 two-st'y brick dwells.; owner, John Bateson, Jr., 4505 Lancaster Ave.

Adaline St., s Emerald St., 5 two-st'y brick dwells.; builder, Geo. R. Montieth, 3056 Lawrence St.

Lancaster Ave., Nos. 3214-3216, 2 three-st'y brick dwells.; owner, Charles Bossert, 2114 Marshall St.

Broad and Wyoming Sts., Ward 22, two stone and frame dwells.; builders, Rea & Riley, 627 Filbert St.

New St., s Lancaster Ave., w Fifty-fourth St., 21 two-st'y brick dwells.; builders, Hunter & Nock, Fifty-fourth St. and Lancaster Ave.

School La., n s, e Morris St., Ward 22, 4 three-st'y brick dwells.; owner, D. P. Bruner, 4834 Morris St., Germantown.

Seventy-first St. and Greenaway Ave., 2 two-st'y brick dwells.; builder, Henry Kershaw, Elmwood St., Ward 22.

Woodbine Ave., e s, bet. Bockins and Bloyd Sts., 4 two-st'y brick dwells.; owner, Jno. U. Myers; contractor, Wm. Mackey, 67 Manheim St.

James Ave., s s, e Ridge Ave., 2 two-st'y brick dwells.; owner, James T. Peasgood, 567 James Ave.

Franklin St., Nos. 2245-2247-2249-2251, 4 three-st'y brick dwells.; owner, Thos. McCarty, 1935 North Seventh St.

Gray's Ave., s s, *and Sixty-third St.*, three-st'y frame dwell.; owner, John Welsh, 7000 Woodland Ave.

Webster St., s e cor. Church St., 2 two-st'y brick dwells.; owner, Frank Gillet, 4707 Smick St.

Orthodox St., n s, w Melrose St., 2 two-st'y brick dwells.; owner, George F. Matthews, 437 Washington St., Camden, N. J.

Mascher St., w s, n Berks St., 4 two-st'y brick dwells.; owner, Anthony M. Hoffman, 1520 North Eighth St.

Manayunk Ave., bet. Penn and Cedar Sts., 2 two-st'y brick dwells.; owner, John Wolf, Pechin St., near Shurs La.

Ludlow St., s s, bet. Fifty-fifth and Fifty-sixth Sts., two-st'y brick dwell.; owner, J. Wilkinson, Fifty-sixth and Locust Sts.

Anthracite St., s s, w Edgemont St., two-st'y brick dwell. and stable; owner, John J. McLaughlin, 2618 Edgemont St.

Orianna St., e s, Dauphin St., two-st'y brick dwell.; owner, Joseph Cooney, 2332 Lawrence St.

Market St., Nos. 3509-3511, 2 three-st'y brick stores and dwells. with back buildings; owner, John A. Lallin, 3570 Filbert St.

Johnson St., w s, w Green St., three-st'y stone dwell; builders, Wright & Son, 7 Harvey St., Germantown.

Twelfth St., w s, 2 two-st'y back brick buildings; builder, Thomas W. Draper, 328 North Fifth St.

Lancaster Ave., No 3961, two-st'y brick bath-building; builder, Harlen M. Granger, 606 Holly St.

Budd St., e s, s Spring Garden St., 6 two-st'y brick buildings; owner, John W. Jacobs, 3821 Spring Garden St.

Providence, R. I.—*Linden and Hayward Sts.*, frame dwell.; owner, Emelie J. Schmid.

Somerville, Mass.—*Summit St.*, frame dwell., 26′ x 43′; owner, Frank Drinkwater; builder, Joseph Miller.

Walnut St., frame dwell., 22½′ x 26′; owner, Alonzo D. Hibbard; builder, Frederick A. Chandler.

Cross St., three frame dwells., 22′ x 49′; owners and builders, H. Lovering & Co.

Cross St., cor. Broadway, frame block of four dwells., 35′ x 86′; owners, S. P. Langmaid heirs; builders, Richardson & Young.

Broadway, bet. Arthur and Edmonds Sts., five frame dwells., each 25′ x 35′; owner, Geo. D. Wildes; builder, John Stackpole.

Temple St., double frame dwell., 47′ x 50′, and stable, 16′ x 20′; owner and builder, John J. Dorey.

Arlington St., frame dwell., 22′ x 32′, with L, 15′ x 16′; owner, Henry H. Chandler; builder, James E. Paul.

Carlton St., two frame dwells., 23′ x 28′, with L, 17′ x 20′, and 22′ x 28′; owner, Geo. W. Lake; builder, O. J. Tilton.

Jaques St., frame dwell., 26′ x 50′; owner, Charlotte M. Hunt; builder, Geo. E. Hutchinson.

Wesley St., frame dwell., 20′ x 35′; owners and builders, Lewis & Hudson.

Mason Ave., frame dwell., 31′ x 32′, with L, 16′ x 22′, and stable, 25′ x 30′; owner, C. L. Hunnewell; builder, Stephen Baker.

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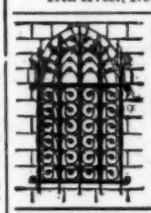

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BUILDING INTELLIGENCE.

Rosmoore St., frame dwell., 22′ x 26′; owner, E. B. Morgan; builders, Gillis Bros.

Medford St., cor. Thurston St., frame dwell., 29′ x 30′, with L, 10′ 6″ x 25′; owner, Frank Stowers; builder, James T. Chisholm.

Vine St., frame dwell., 23′ x 40′; owner, Thos. Cotter; builder, Mr. Macdonald.

Otis St., cor. Everett Ave., frame dwell., 22′ x 30′, with L, 16′ x 20′; owner and builder, Geo. P. Prior.

School St., frame dwell., 25′ x 35′, with L, 12′ x 19′; owner, Wm. Caldwell; builders, Gillis Bros.

Perkins St., frame dwell., 25′ x 51′; owner, Charles H. Crane; builder, Geo. M. Starbird.

St. Louis, Mo.—Two-st'y brick dwell.; cost, $3,000; owner, architect and contractor, T. Manning.

Two-st'y brick dwell.; cost, $3,000; owner, architect and contractor, T. Manning.

Two-st'y brick dwell.; cost, $3,000; owner, E. A. Parker; architects, Foster & Ittner; contractor, E. Marlatt.

Two-st'y brick dwell.; cost, $3,000; owner, S. P. Bucker; architects, Foster & Ittner; contractor, E. Marlatt.

Two-st'y brick dwell.; cost, $4,700; owner, John Rucher; contractor, L. Horman.

Two-st'y brick dwell.; cost, $4,800; owner, John Schnell; contractor, L. Horman.

Two-st'y brick dwell.; cost, $4,100; owner, Geo. Cibuka; contractor, L. Horman.

Three-st'y brick dwell.; cost, $7,600; owner, J. Johnson; contractors, A. Uhrie & Son.

Two-st'y and mansard brick dwell.; cost, $4,000; owner and contractor, Patrick Nolan.

Two-st'y brick dwell.; cost, $4,100; owner, H. Ittel; contractor, B. Hetz.

Two-st'y brick dwell.; cost, $3,000; owner and contractor, J. C. Newberry.

Two two-st'y brick dwells.; cost, each, $3,000; owner and contractor, J. C. Newberry.

Two-st'y brick dwell.; cost, $4,000; owner, Clark Kretschmar; architect, A. M. Baker; contractors, Nicholson Bros.

West Kearney, Neb.—*Grand Boulevard*, frame dwell.; cost, $3,500; owner, Mrs. Georgianna Gibson; architects, Foster & Schuehle.

Grand Boulevard, frame building; cost, $4,000; owner, Dr. R. F. Dearborn, Denver, Col.; architects, Foster & Schuehle.

Woodstock, Ont.—Jno. D Patterson, dwell.; cost, $5,000; architects, Marling & Burdett, Buffalo, N. Y.

Jno. Arthur, dwell.; cost, $9,000; architects, Marling & Burdett, Buffalo, N. Y.

STABLES.

Brooklyn, N. Y.—*De Kalb Ave.*, s s, 150′ w Lewis Ave., 2 two-st'y brick stables and office, tin roofs; total cost, $10,000; owners, New York Condensed Milk Co., 79 Murray St., New York; architect, M. V. B. Ferdon; builder, J. B. Niblo.

Philadelphia, Pa.—*Woodland Ave. and Spruce St.*, two-st'y brick patrol and mounted police stable; builder, C. M. Gruble, 723 Jayne St.

Seybert St., s s, ab. Eighteenth St., two-st'y brick stable; contractor, J. H. Jordans, Twenty-third and Jefferson Sts.

Allegheny Ave., near Seventeenth St., one-st'y brick stable; owners, Richard Whiteside & Son, 2228 Mount Vernon St.

BUILDING INTELLIGENCE.

STORES.

Camden, N. J.—Wm. Stein has awarded the contract for building his new store at 313 Federal St. to James F. Davis; architect, S. D. Button, Philadelphia, Pa.

Chicago, Ill.—C. H. Taylor, three-st'y store and dwell., West Madison St.; cost, $3,000; architect, C. Buhmann.

New York, N. Y.—*Mercer St.*, s w cor. West Third St., five-st'y brick store; owner, Henry May; architects, McKim, Mead & White.

Philadelphia, Pa.—*North Thirteenth St., No.* 613, two stores; contractor, Henry R. Clark, 741 North Twentieth St.

Germantown Ave., e s, s Summit St., two-st'y store-building; owner, John Hottenstein, Rex Ave., Chestnut Hill.

Philadelphia St., s w cor. Dauphin St., two-st'y store and dwell.; builder, David C. Schuler, 2327 North Sixth St.

St. Louis, Mo.—Three adjacent two-st'y brick stores and flats; cost, $8,000; owner, Wm. C. Walls; architect, G. L. Helmburger; sub-let.

Two-st'y brick store and flats; cost, $2,600; owner, G. Hauser; contractor, M. Connelly.

Three-st'y brick store and flats; cost, $6,000; owner, H. Frielingdarfe; contractors, Geimer & Gizard.

WAREHOUSES.

Baltimore, Md.—Jno. T. Baltzer will build three-st'y brick warehouse, s s Baltimore St., bet. Pine and Fremont Sts.

Broderick Bros. will build four-st'y brick warehouse, n s Pratt St., w Green St.

Reinle Bros., two-st'y brick warehouse, s w cor. Stockholm and Warner Sts.

MISCELLANEOUS.

Boston, Mass.—*Purchase St., Nos.* 110-114, cor. Cotton Pl., Ward 12, six-st'y brick mercantile, flat roof, 66′ 7″ x 77′ 2″; owner, John Goldthwaite; builder, G. W. Pope.

New York, N. Y.—*Forty-third St.*, n s, 245′ w Fifth Ave., six-st'y stone and brick building; cost, $140,000; owner, New York Academy of Medicine; architect, R. H. Robertson.

Sixteenth St., s s, e Fifth Ave., seven-st'y fireproof building, to connect with the Young Women's Christian Association, is to be built as a home for working-women; architect, R. H. Robertson; builder, Elliot F. Shepard.

Philadelphia, Pa.—One-st'y brick shop; owner, E. Jones, 3215 Frankford Ave.

Front St., s e cor. Dickinson St., one-st'y brick machine-shop; builders, Fitzgerald & Bradley, 33 South Tenth St.

Fifth St., ab. Somerset St., brick horse-shoe shop; owner, Charles Schulz, 2913-2915 Marshall St.

Fifteenth St., w s, s Locust St., fireproof historical building; builder, Jacob Myers, 1315 Sansom St.

Broad and Spring Garden Sts., Odd Fellow's Hall, four-st'y brick elevator; builder, J. England & Son, 2217 Wallace St.

Providence, R. I.—*Richmond and Broad Sts.*, three-st'y brick building; owner, Mary E. Harrington.

Atwells Ave., near Dean St., three-st'y brick and frame building; owner, Louis Mioni; builders, Joseph Page & Sons.

South Angell and East River Sts., brick power station; owners, Providence Cable Tramway Co.; architects, Stone, Carpenter & Willson; builder, E. W. Dornsife.

PROPOSALS.

BRONZE STATUARY. [At Cleveland, O.]

Office of the Executive Committee of the Board of Commissioners, Cuyahoga County, Soldiers' and Sailors' Monument, Cleveland, O., April 29, 1889.

Sealed proposals will be received by the Executive Committee **until 12 o'clock M., of Monday, May 20, 1889,** from bronze founders actually engaged in the business, for the bronze castings and other work pertaining thereto to wholly complete and set in place on the site selected in Cleveland, O., when the Committee directs, a group of artillery soldiers called the "At Short Range," composed of nine figures, each about 7′ 6″ high, mounted on a brass or plinth 7 feet by 19 feet.

Bids to be endorsed "Proposals for Bronze Statuary," and addressed to the care of Levi F. Bauder, Secretary of the Board of Commissioners, Wick Block, Cleveland, O.

The plaster models can be seen at the studio on Rockwell Street, Cleveland, in rear of the City-Hall, where a member of the Committee will give any additional information if desired, or by addressing Levi T. Scofield, architect, 22 Case Building, Cleveland, O.

Each bid to be accompanied with a written guaranty, signed by two responsible sureties.

The Commissioners reserve the right to reject any or all bids, to accept or decline to close a contract as in their discretion they shall deem it their duty to do.

The time for completion and delivery of castings mounted must be stated, and will be considered in awarding the contract.

Bids will only be received for first-class standard statuary bronze and first-class workmanship.

Payments will be made monthly, retaining 10 per cent until the contract is completed.

WM. J. GLEASON, Chairman.
JAMES BARNETT,
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J. B. MOLYNEAUX,
LEVI T. SCOFIELD,
Executive Committee.

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PROPOSALS.

RESERVOIR. [At Buffalo, N. Y.]

OFFICE OF THE WATER COMMISSIONERS,
No. 1 CITY AND COUNTY HALL,
BUFFALO, N. Y., April 1, 1889.

Sealed proposals will be received at this office **until 3 P. M. Tuesday, May 21, 1889,** for the construction of a receiving and distributing reservoir for the Buffalo City Water-works on the property bounded by Best, Dodge, Jefferson and Masten Streets (area about twenty-two acres); capacity of reservoir about 125,000,000 gallons.

Proposals must be made upon the printed forms that have been provided.

Plans and specifications can be seen and examined at this office, giving full description of the work and materials required.

Specifications will be mailed to parties applying for the same.

The Commissioners reserve the right to accept or reject any or all bids, or to accept any part of a bid, as in their judgment the interest of the city may require.

L. P. REICHERT,
JAMES RYAN,
S. K. WORTHINGTON,
Water Commissioners.

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PENITENTIARY. [At Mansfield, O.]

OFFICE OF THE BOARD OF MANAGERS,
INTERMEDIATE PENITENTIARY,
MANSFIELD, O., April 23, 1889.

Sealed proposals will be received at this office **until 12 o'clock M. on the 16th day of May, 1889,** for completing the mason-work of the front buildings, including gables, towers, dormers, etc., above the top line of cornice; also, the iron-work of the third story ceiling, and all the iron-work of the roofs and towers of the front buildings.

Bids will be received separately for the labor and materials for the following classes of work, viz.: Limestone-facing, cut-stone, brickwork, wrought-iron beams and chanels, rods, ties, anchors, expansion bolts, cast-iron resting-plates, etc.

PROPOSALS.

All to be done in accordance with drawings and specifications.

Additional information can be obtained at this office, or at the office of Levi T. Scofield, architect, 22 Case Building, Cleveland, O., where drawings and specifications can be seen.

The Board reserves the right to reject any or all bids.

WM. MONAGHAN,
W. J. ELLIOTT,
B. F. CRAWFORD,
Managers.

699

STATE-HOUSE. [At Topeka, Kan.]

Proposals will be received **up to 12 o'clock M., on May 20, 1889,** for the following work on the new State-House at Topeka, Kan:

The roofing of the main building and dome.

The hollow tile and brick floor, arches and ceiling arches, etc., and all remaining iron-work, brass-work, etc.

Plans can be seen at the office of the State-House Commissioners at the Capitol Building in Topeka, Kan.

Printed specifications can be had on application to the above office.

Any or all proposals may be rejected.

By order of the Board of State-House Commissioners.

698

SCHOOL-HOUSE. [At Wyoming, O.]

WYOMING, O., April 17, 1889.

Sealed proposals will be received by G. A. Carnahan, Clerk of the Wyoming School at the office of Samuel Hannaford, architect, in Bradford Block, n w cor. of Sixth and Vine Streets, Cincinnati, O., **until 12 o'clock of the 17th day of May, 1889,** for enlarging and improving the Wyoming Schoolhouse, according to plans and specifications to be seen at the above named office, on and after April 17, 1889.

Each bid must contain the name of each person interested in the same, and be accompanied by a sufficient guaranty of some disinterested person that, should the bid be accepted, a contract will be entered into and the performance thereof properly secured.

Also, at the same time and place, bids will be received for heating and ventilating said schoolhouse according to plans and specifications to be seen at the office of said architect, Samuel Hannaford.

None but the lowest responsible bids will be received, and the Board may reject all bids.

By order of the Board.

G. A. CARNAHAN, Clerk.
DR. J. I. TAYLOR, President.

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Proposals for enamelled bricks. Office of Building for Library of Congress, 145 East Capitol Street, Washington, D. C., April 23, 1889. Sealed proposals for furnishing and delivering 550,000, more or less enamelled bricks for the Building for the Library of Congress in this city, will be received at this office until 2 o'clock P. M., on Thursday the sixteenth day of May, 1889, and opened immediately thereafter in presence of bidders. Specifications, general instructions and conditions, and blank forms of proposal may be obtained on application to this office. BERNARD R. GREEN, Superintendent and Engineer.

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Y. M. C. A. BUILDING. [At Montreal, Can.]

The Young Men's Christian Association of Montreal will receive tenders **up to May 15, 1889, at 3 o'clock,** for the erection and completion of a Young Men's Christian Association Building at Montreal.

Tenders can be made for the entire work, or for the different branches separately.

The Committee do not bind themselves to accept the lowest or any tender.

Plans and specifications can be seen at the offices of the Young Men's Christian Association, Montreal, or at the office of Messrs. Fuller & Wheeler, architects, Albany, N. Y.

All tenders to be sealed and addressed to

D. A. BUDGE,
Secretary Young Men's Christian Association,
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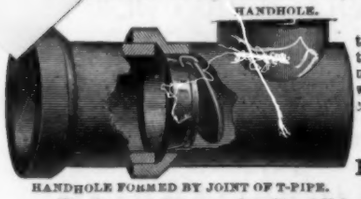

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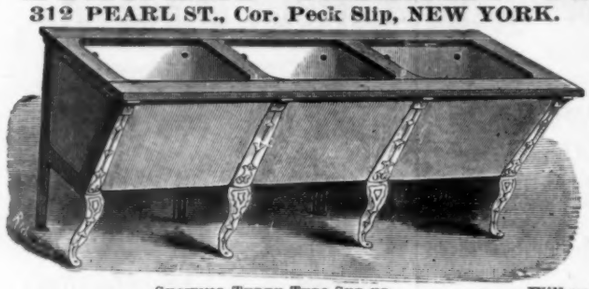

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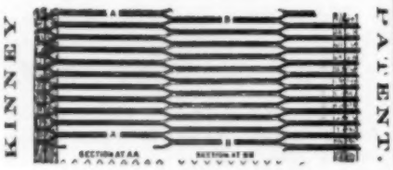

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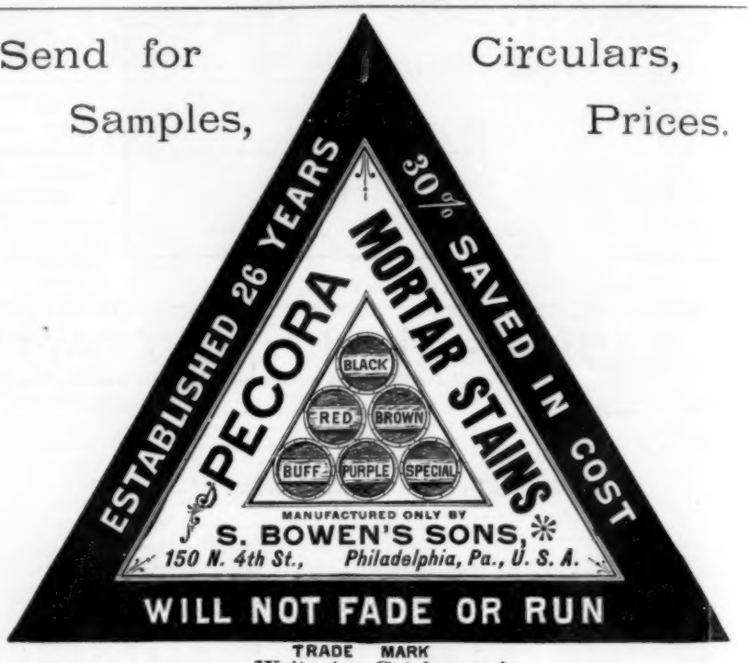

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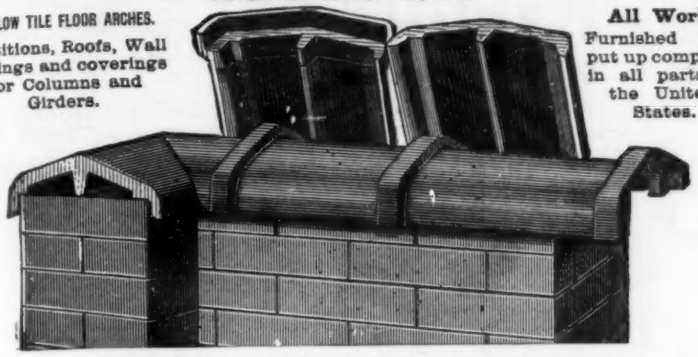

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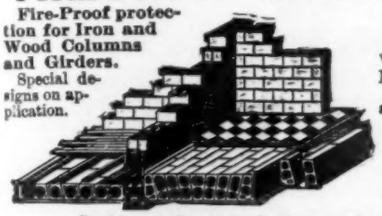

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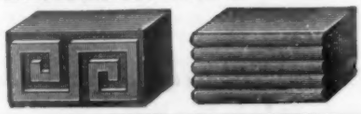

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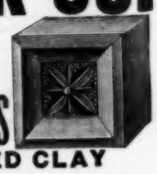

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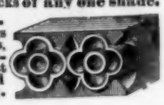

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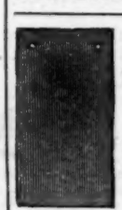

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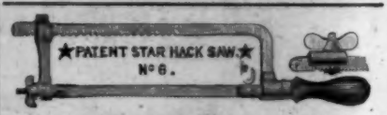

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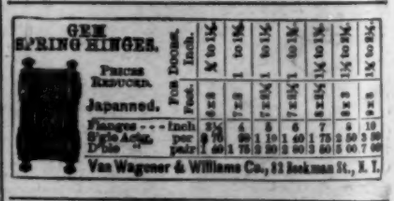

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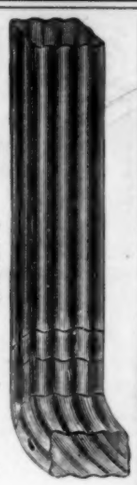

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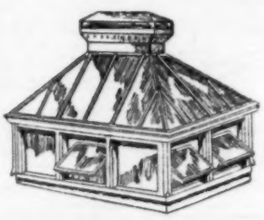

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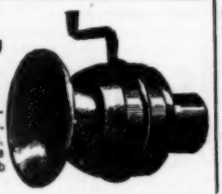

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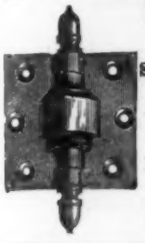

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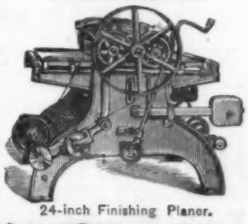
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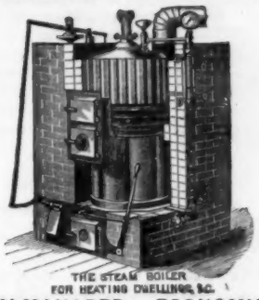
NOTE.—Our Liquid Filler does not settle; is as transparent as a varnish; it readily combines with any of the pigment stains; is especially adapted to the use of the House Painter.

BUILDING MATERIALS.

	New York. (Wholesale Prices.)	Boston. (Prices to Builders and Contractors.	Chicago.	Philadelphia.
Foundation:				
Dimension	@	5 00 ℔ ton	20 @	@ 5 00
Block	@	4 60 ℔ perch		Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in.th.10 @ 25
Planed	50 @ 6 00	75	50 @ 1 00	37 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		95 @ 1 10
Kibbe	@ 90	90 @ 1 10		1 05 @ 1 35
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub.ft.	
Amherst }	90 @ 95	90 @ 1 00	45 @ 50	55 @ 1 00
Berea } Ohio	75 @ 1 00	80 @ 90	45 @ 55	
Berlin }	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 4
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 00 @ 1 1
Caen	@	@ 2 00	"	1 25 @ 1 5
Carlisle, English	@ 1 05	80 @ 90		95 @ 1 1
Corse Hill (Scotch)	1 05			
Marble (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and Blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined	@	50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna	@	3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red	@	1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville	@	85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@		*Not sold.*	2 00 @ 3 00
Vermont, white	@	1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate; Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 16	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 8 85	3 25 @ 4 00
" " Chapmans	@	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am. ℔ M.	@		*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil,* ℔ *lb.*)				
White lead, Am	7 @ 7½	7 @ 7½	6½ @ 7	@ 7
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am.,	6½ @ 7	7 @ 7½	6½ @ 7½	@ 7
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. @ 60
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	@ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	@ 12
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" @ 18
Black, lamp,	15 @ 25	15 @ 25	8 @ 30	@ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw) (℔ gal.)	56 @ 58	59 @ 60	56 @ 57	@ 58
" " boiled	59 @ 61	62 @ 63	59 @ 60	@ 60
Turpentine	41 @ 42	41 @ 44	47 @ 52	@ 54
Varnish, coach		1 50 @ 6 00	1 25 @ 2 00	@ 2 75
Shellac		2 50 @ 3 00	2 25 @ 4 00	@ 3 25
Putty	2 @	2 @ 4	02 @ 02½	@ 2
Whiting (℔ cwt.)	75 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.)	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Litharge, Am	5½ @ 6	5½ @ 6½	6½ @ 7½	@ 7
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	@ 14
Umber, "	14 @ 20	14 @ 20	2 @ 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85		2 05 @	pr kg @ 2 10
10d. common	@ 2 60	@ 2 15	@ 2 15	@ 2 10
Shingle	@ 3 35	@ 2 65	@ 2 65	@ 2 40
Lath	@ 4 85	@ 3 65	@ 3 55	3 00 @ 3 50
Finishing nails according to size.			Add .85 to $1.15	per ℔ 11 @ 14
(*For casing nails add 75c. per keg.*)			" .50 to .90	Add pr cask
Butts: 4"x 4" (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 44
Japanned	@ 1 50	@ 1 75	*Not sold.*	@ 1 57
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 75 @ 2 00
Ball Tip, Boston Finish. ℔ pair.)	@ 65	@ 50	*Not sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (or cupboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony				@ 35
Apple wood				37 @ 1 00
Knobs: (℔ *Set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hematite	*Not sold*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	80 @ 1 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 %	22 @ 35
Sheet Lead	@ 6½	@ 6½		12 @ 13½
Lead Pipe	@ 5½	@ 5½		6 @ 6½
Iron:				
I-Beams, up to and including 30 ft.	3 8-10 @ 3½	2 8-10 3	@ 4	@ 2 8-10
I-Beams, over 30 ft. ½, ¼, ¼ c. advance.	@		@	@ 2 8-10
Channel-Beams	3 8-10 @ 3½	2 8-10 3	@ 4	@ 2 8-10

PAGE Steam Heater.



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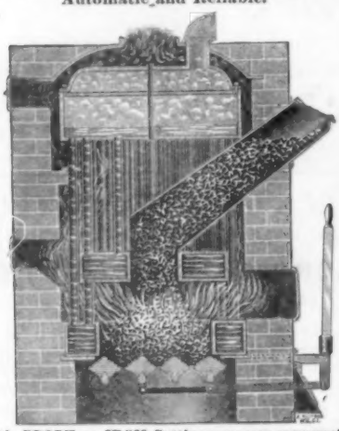

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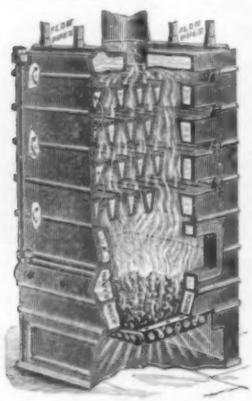

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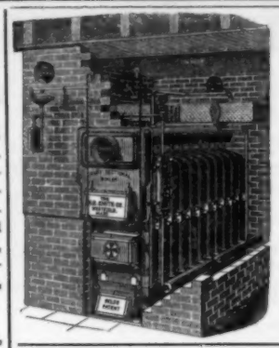

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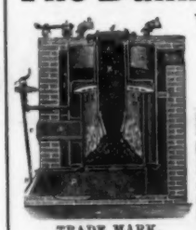

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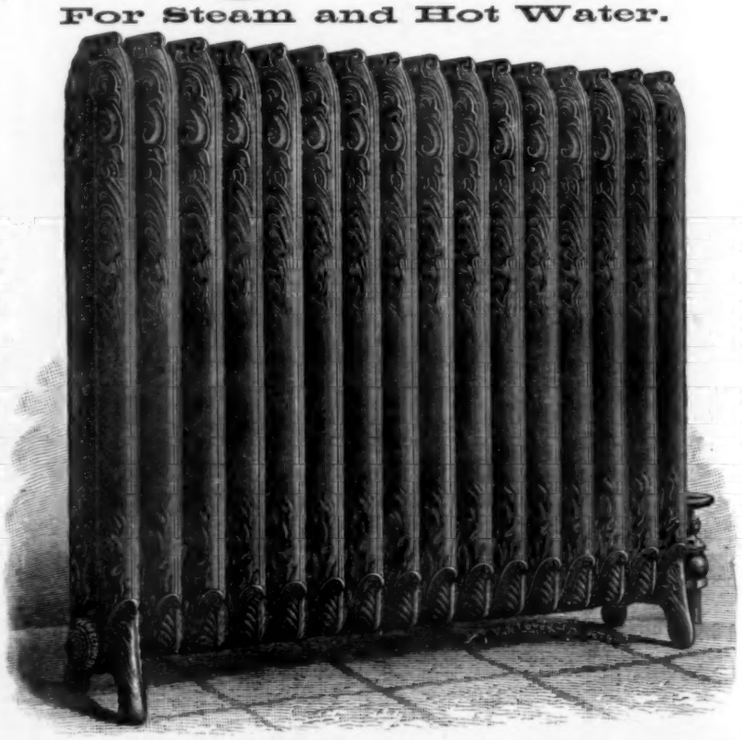

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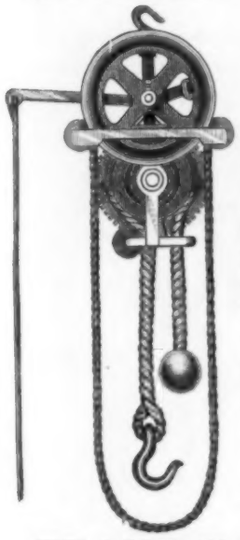

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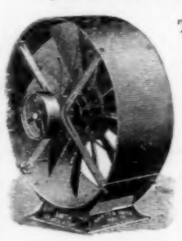

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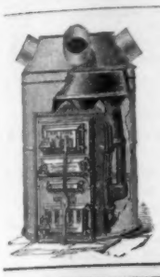

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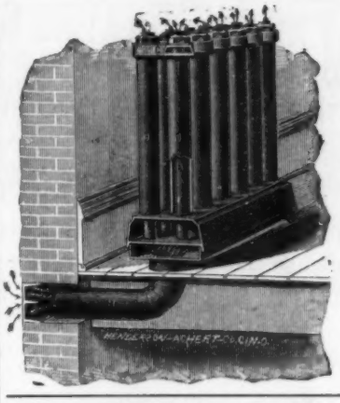

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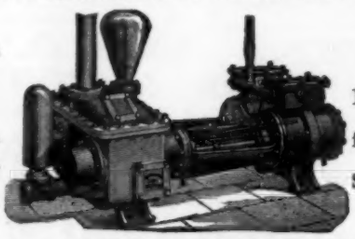

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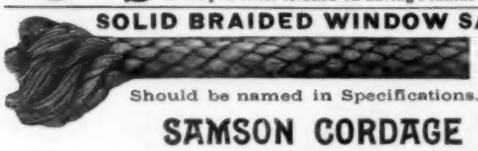

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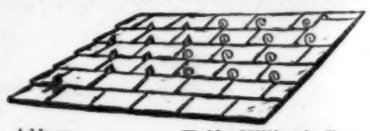

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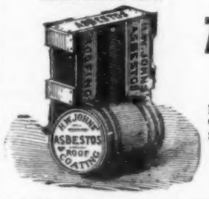

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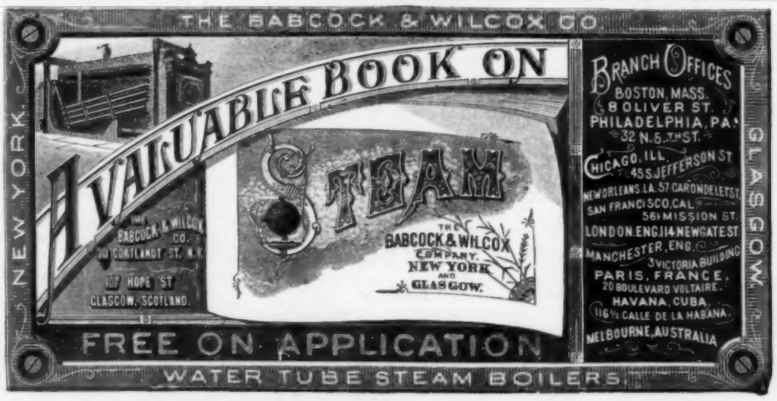

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BUILDING INTELLIGENCE.

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[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Boston, Mass.—*River St., No.* 40, cor. Lime St., Ward 9, remodel brick stable; owner, H. A. Hartley.
Church St., No. 85, cor. Tennyson St., Ward 11, addition to brick dwell.; owner, J. Stevenson.
West Broadway, Nos. 374-378, *and Athens St.*, Ward 14, remodel brick dwell.; owners, E. H. Brainard heirs; builder, S. H. L. Pierce.
Main St., No. 132, Ward 5, remodel brick dwell.; owner, H. M. Bradshaw; builder, G. M. Starbird.
Unity St., No. 15, Ward 6, alter dwell. to flat; owner, Sarah Candigan; builder, M. F. McDonald.
Chelsea St., No. 18, cor. Elbow St., Ward 2, remodel frame store; owner, Mrs. Eliza Fox.
Washington St., No. 1681, *West Springfield and Worcester Sts., and Lincoln Pl.*, Ward 18, alterations to Langham Hotel; owner, H. B. Williams; builder, M. S. G. N. Miller.
Washington St., No. 1971, alterations to brick dwell. for J. W. Hobbs; builders: H. S. Jones, mason; A. Douglass, carpenter; architect, J. A. Brazillian.
Washington St., No. 1222, alterations to brick dwell. for J. W. Hobbs, plate-glass front; builders: H. S. Jones & Co., masons; A. Douglass, carpenter; architect, J. A. Brazillian.
Unity Ct., alterations to eight brick tenements for Natale Badarracco; architect, J. A. Brazillian.
Dartmouth St., cor. Newbury St., Ward 11, alteration to club-house; owners, Boston Art Club; builders, Connery & Co.
West Concord St., No. 124, Ward 18, alterations to brick dwell.; owner, P. M. McDonald; builder, C. H. Parshlay.
Conant St., No. 111, Ward 22, alter dwell. to flat; owners, W. & M. Hardcastle; builder, W. Ballantyne.
Cambridge St., No. 166, Ward 9, alterations to brick dwell.; owner, F. W. Wardwell; builders, Gooch & Pray.

Chicago, Ill.—J. M. Smythe, one-st'y addition, West Adams St.; cost $5,000.
W. H. Watson, one-st'y addition, West Polk St.; cost, $6,000; architect, J. Boyland.
W. H. Moore, three-st'y addition, Michigan Ave.; cost, $6,000; architects, Wilson, Marble & Lawson.
Union League Auxiliary Association, five-st'y addition, Jackson St.; cost, $18,000; architect, W. L. B. Jenney.

Detroit, Mich.—Addition to brick church, Woodward and Harper Aves.; cost, $5,000.
A. Chapoton, Jr., addition to dwell., 551 Jefferson Ave.; cost, $3,000.

BUILDING INTELLIGENCE.

Providence, R. I.—*Westminster St., No.* 176, new front; owners, M. Steinert & Sons; architect, W. H Colwell; builder, Dexter Gorton.

Somerville, Mass.—*Broadway, No.* 298, alter dwell. to three-st'y, flat roof, 16′ x 35′; owner and builder, Thos. Gegin.

St. Louis, Mo.—Two-st'y brick addition to school; cost, $9,800; owners, St. Anthony School; contractor, F. Dielenheim.
Alter and repair three-st'y brick store; cost, $2,600; owners, Wainwright Brewing Co.; contractor, J. Schenck.

Summit, N. J.—Constable Bros. have finished plans for addition and alterations to dwell. for Mr. Grant.

Woodstock, Vt.—The Hon. Frederick Billings is to make extensive alterations and additions to the Congregational Church from plans by H. Hudson Holly & Jelliff, New York. The church will be practically built anew with elaborate finish of oak, including panelled ceiling, new decorations, furnishings and organ, and a new exterior. Hazelton & Goddard, 66 Boylston St., Boston, have the entire contract.

APARTMENT-HOUSES.

Boston, Mass.—*Wigglesworth St., No.* 22, *and Huntington Ave.*, Ward 22, four-st'y brick apartments, 20′ 6″ x 60′; owner and builder, B. J. Connolly.
West Broadway, No. 443, Ward 14, four-st'y brick apartments and store, flat roof, 46′ x 46′; owner, A. C. Paige estate; builder, T. Raynor.
Commonwealth Ave., No. 383, six-st'y red granite and stone apartments, flat roof, 26′ x 104′; contract to be let; architects, McKay & Smith.

Brooklyn, N. Y.—*Baltic St.*, s s, 90′ w Fourth Ave., 2 four-st'y brick flats, gravel roofs; cost, $5,000 and $8,000; owner, E. R. Herbert, Huntington, L. I.; architect and builder, I. H. Herbert.
Van Buren St., s e cor. Patchen and Greene Aves., n e cor. Patchen Ave., 2 four-st'y brick flats, tin roofs; cost, $13,500; owner, architect and builder, Francis Jezek, 1116 Myrtle Ave.

Chicago, Ill.—G. Morten, three-st'y flats, Western Ave.; cost, $2,500.
Mrs. E. Manley, four-st'y flats, Wentworth Ave.; cost, $5,000; architect, B. W. Bargerbush.
J. B. Buckley, two-st'y flats, Warren Ave.; cost, $4,500; architect, W. Ray.
A. Asesek, two-st'y flats, West Seventeenth St.; cost, $2,500; architect, F. Krasmicka, Jr.
C. Hagilin, two-st'y flats, Parnell St.; cost, $2,500; architect, A. Charvat.
F. Nihls, three-st'y flats, Blackhawk St.; cost, $3,000; architect, J. C. Swope.
M. Le Cavalise, two-st'y flats, West Polk St.; cost, $4,500; architect, J. W. La Croix.
H. Hoep, owner and architect, two-st'y flats, Leavitt St.; cost, $3,000.
H. Kramp, four-st'y flats, West Division St.; cost, $10,000; architects, Thiel & Lang.
N. P. Peterson, three-st'y flats, Sedgwick St.; cost, $7,000; architects, Ostling Bros.

BUILDING INTELLIGENCE.

F. Wikman, two-st'y flats, Prairie Ave.; cost, $4,000; architect, O. Cobb.
J. Reitze, three-st'y flats, Wentworth Ave.; cost, $6,000; architect, B. W. Bargerbush.
M. Ferter, two-st'y flats, Dashiel St.; cost, $2,000; architect, same as last.
M. Mulcahy, four-st'y flats, Fifth Ave.; cost, $4,500; architect, J. Frank.
F. Michels, two-st'y flats, Leavitt St.; cost, $4,000; architect, N. S. Devine.
W. Hessemer, four-st'y flats, North Clark St.; cost, $7,000; architects, Kronenberger & Co.
A. Patzke, two-st'y flats, Dickson St.; cost, $3,000; architect, J. Alforth.
E. C. Day, three-st'y flats, Cottage Grove Ave.; cost, $20,000; architect, W. W. Clay.
L. Holzman, three-st'y flats, West Fourteenth St.; cost, $6,000; architect, W. C. Karback.
J. Frenzen, two-st'y flats, West Thirteenth St.; cost, $4,000; architect, P. F. Werges.
C. Weisel, three-st'y flats, Fullerton Ave.; cost, $8,000; architect, F. C. Hermann.
E. Sneider, two-st'y flats, Clybourne Ave.; cost, $2,500; architect, A. Woerner.
J. Boska, two-st'y flats, Aliport Ave.; cost, $3,000; architect, J. Krivanek.
F. Drasal, three-st'y flats, West Nineteenth St.; cost, $4,500; architect, same as last.
Mrs. A. Swanson, two-st'y flats, Warren Ave.; cost, $5,000; architect, W. Carroll.
A. S. Atwater, 2 two-st'y flats, Homan Ave.; cost, $5,000; architect, C. Cook.

Cincinnati, O.—Otto Betz, owner and architect, four-st'y flats, Eastern Ave.; cost, $10,000.

New York, N. Y.—*Norfolk St., Nos.* 103-105, 3 two-st'y brick flats, tin roofs; cost, $54,000; owners, Fay & Stacom, 337 Pleasant Ave.; architects, Rentz & Lange, 153 Fourth Ave.
One Hundred and Twenty-second St., n s, 90′ e Fourth Ave., 2 five-st'y brick flats, tin roofs; cost, $24,000; owner, Joseph Watkins, 304 East Forty-first St.; architect, F. T. Camp, 60 Liberty St.
Ninety-first St., s s, 130′ w Lexington Ave., 2 five-st'y brick flats, tin roofs; cost, $30,000; owner, Wm. McNabb, 101 East Ninety-first St.; architects, Brandt & Co., 2491 Third Ave.
One Hundred and Second St., n s, 75′ e Ninth Ave., five-st'y brick flat, tin roof; cost, $15,000; owner, A. E. Smith, 107 West Ninety-eighth St.; architects, Webster & Hammond, 110 East One Hundred and Twenty-fifth St.
One Hundred and Thirty-third St., s s, 100′ w Seventh Ave., 4 five-st'y brick flats, tin roofs; cost, $110,000; owner, Franklin A. Thurston, 62 East One Hundred and Thirty-third St.; architect, Charles P. H. Gilbert, 18 Broadway.

Ninety-ninth St., n s, bet. Eighth and Ninth Aves., five-st'y flat; cost, $20,000; owner, Martin J. Barrow; architect, Geo. P. Pelham.

Ninety-third St., n s, 20′ e Lexington Ave., five-st'y flat; owner, George Mulligan; architects, Thom & Wilson.

Broome St., No. 548, five-st'y brick flat, tin roof; cost, $20,000; owners, Cornwell & Weeks, 283 Elizabeth St.; architect, Bruno W. Berger, 52 Bible House.

East Seventh St., Nos. 182-184, five-st'y brick flat, tin roof; cost, $20,000; owner, Jacob Wiche, 430 East Ninth St.; architect, Bruno W. Berger, 52 Bible House.

West Twenty-first St., No. 305, five-st'y brick flat, tin roof; cost, $20,000; owner, Gottlieb Link estate, 102 West Sixty-ninth St.; architect, E. Vonden Driesch, 420 East Twenty-third St.

Third Ave., e s, 49′ 4½″ s Forty-second St., 2 five-st'y brick flats, tin roofs; cost, $38,000; owner, Richard Edwards, 124 East Sixty-first St.; architect, Franklin Baylies, 52½ Bible House.

Sixty-second St., n s, 125′ w Tenth Ave., 4 five-st'y brick flats, tin roofs; cost, $64,000; owner, Peter Wagner, 363 West Fifty-eighth St.; architects, French, Dixon & Desaldern, 200 West Fifty-seventh St.

St. Louis, Mo.—Two-st'y brick flats; cost, $3,000; owner, Wm. Kunze.

CHURCHES.

Falmouth, Mass.—Frame church, 33′ x 105′, for the Episcopal Society; contract to be let; architect, Henry Vaughan, Boston.

New York, N. Y.—*Seventy-sixth St.*, s s, 225′ w Ninth Ave., a church, chapel and parsonage; owners, St. Andrew's M. E Church; architects, J. C. Cady & Co.

Bathgate Ave., bet. One Hundred and Seventy-seventh and One Hundred and Seventy-eighth Sts., white marble Roman Catholic Church; cost, $100,000; architect, John E. Kerby.

Pennacook, N. H.—Frame church, 24′ x 50′, for the Episcopal Society; cost, abt. $3,500; architects, Henry Vaughan and Henry Paston Clark, Boston.

FACTORIES.

Boston, Mass.—*Rutherford Ave., No.* 261, Ward 4, one-st'y frame factory, flat roof, 70′ x 76′; owner, J. B. Palmer.

Brooklyn, N. Y.—*Park Ave.*, n s, 161′ w Schenck St., five-st'y brick factory, tin roof; cost, $18,000; owners, McDermott & Howard, Park Ave. and Schenck St.; architect, T. F. Houghton.

St. Louis, Mo.—Two-st'y brick and frame factory; cost, $20,000; owners, Dried Brewer Grain Co.; architects, E. Jungenfelde & Co.

HOTELS.

Knoxville, Tenn.—Beaver & Hoffmeister, architects, have prepared plans for a six-st'y hotel, to contain 250 rooms; cost, abt. $140,000.

HOUSES.

Baltimore, Md.—Ebenezer Pumphrey, three-st'y brick building, w s Charles St., bet. Ostend and Clement Sts.

Jno. Oatmiller, three-st'y brick building, e s Arch St., bet. Lexington and Saratoga Sts.

Thos. P. Bolgiano, 5 three-st'y brick buildings, w s Fulton Ave., n w cor. Franklin St.; and 4 three-st'y brick buildings, n s Franklin St., w Fulton Ave.

Mason R. Stone, 8 two-st'y brick buildings, e s Eden St., n Oliver St.

Wm. Weikel, 2 three-st'y brick buildings, n s Columbia Ave., bet. Fremont and Sterrett Sts.

Frederick Stamp, 3 three-st'y brick buildings, s e cor. Madison Ave. and Presstman St.; and 5 three-st'y brick buildings, s s Presstman St., e Madison Ave.

Ellis & Hodges, 10 two-st'y brick buildings, n s West St., beg. n e cor. Russell St.

H. P. Russell, three-st'y brick building, rear w s Pennsylvania Ave., s Mosher St.

Boston, Mass.—*Sydney St.*, near Hartland St., Ward 24, frame dwell., 23′ x 37′ 6″; owner and builder, J. H. Beale.

Dell St., near Dorchester Ave., Ward 24, frame dwell., 24′ x 35′; owner, J. I. Stewart; builder, F. Gutrow.

Tuttle Ave., near Hartland St., Ward 24, two frame dwells., 22′ 6″ x 31′ 6″; owner and builder, J. H. Beale.

Sawyer Ave., near Pleasant St., Ward 24, three-st'y frame dwell., pitch roof, 31′ 8″ x 39′ 10″; owner, Barnabas Clarke; builder, D. F. Gould.

Cabot St., No. 161, Ward 19, two-st'y frame dwell. and store, flat roof, 14′ x 31′; owner, J. H. Turner; builder, W. J. Jobling.

Jeffries St., near Summer St., Ward 2, 6 three-st'y dwells., flat roofs, 20′ x 32′; owner and builder, J. W. Hargrave.

Dell St., near Dorchester Ave., Ward 24, two frame dwells., 24′ x 35′; owner, J. I. Stewart; builder, F. Gutrow.

Sutton St., near Berry St., Ward 23, frame dwell., 18′ x 22′; owner, E. F. Pech; builder, J. W. Brown.

Walnut Ave., No. 100, cor. Dale St., Ward 21, frame dwell., 37′ 10″ x 51′; owner, J. T. Callahan; builder, W. A. Lent.

Silver St., Nos. 118-120, Ward 13, 2 three-st'y frame dwells., flat roofs, 17′ 6″ x 44′; owner, J. K. Souther; builders, Berry & Watson.

Walnut St., Nos. 43-45, Ward 4, 2 three-st'y frame dwells., 17′ 9″ x 30′; owner, G. Brown; builder, M. W. Foye.

C St., No. 204, cor. Silver St., Ward 13, three-st'y frame dwell. and store, flat roof, 24′ x 44′; owner, J. K. Souther; builders, Berry & Watson.

Greenwich St., near Fenton Pl., Ward 24, two frame dwells., 19′ x 44; owner, P. Finnegan; builder, M. Ryan.

Lawrence Ave., near Cedar St., Ward 24, frame dwell., 27′ x 44′; owner, F. P. Snow; builder, D. Currier.

Bernard St., near West Park St., Ward 24, frame dwell., 25′ x 40′; owner, J. W. Wheeler; builder, C. A. Russell.

East Fourth St., No. 915, Ward 14, three-st'y frame dwell., flat roof, 22′ x 44′; owner, Jas. Wood; builder, W. T. Eaton.

C St., No. 208, Ward 13, three-st'y frame dwell., flat roof, 22′ x 44′; owner, J. K. Souther; builders, Berry & Watson.

Westville St., cor. Unnamed St., near Bowdoin St., Ward 24, frame dwell., 20′ x 36′; owner and builder, A. Spencer.

C St., No. 210, Ward 13, three-st'y frame dwell., flat roof, 22′ x 40′; owner, J. K. Souther; builders, Berry & Watson.

Highland St., near Hawthorne St., Ward 21, three-st'y frame dwell., flat roof, 22′ x 47′; owner, Mrs. J. V. Rettman; builder, P. Schneider.

Georgia St., bet. Maple and Montano Sts., Ward 21, three-st'y frame dwell., 37′ 6″ x 53′; owner, Mrs. F. A. Hall; builder, R. O. Dunn.

Winden St., No. 4, Ward 22, frame dwell., 23′ x 38′; owner, A. Whitecross; builder, P. Hutchinson.

Brookford St., No. 9, cor. Randlett St., Ward 20, frame dwell., 23′ x 51′ 1″; owner, A. Ward; builder, R. B. Plummer, Jr.

Sheridan St., No. 29, Ward 23, frame dwell., 22′ x 45′; owner, Clarissa F. Lane; builder, Daniel Seaverns.

Highland St., No. 192, Ward 21, three-st'y frame dwell., pitch roof, 23′ x 50′; owner, F. Miller; builders, Sittig Bros.

South St., near Conway St., Ward 23, 2 three-st'y frame dwells., pitch roofs, 20′ x 37′; owner, M. Quigley; builders, Swanson & Murray.

Nixon St., near Clements St., Ward 24, frame dwell., 30′ x 42′; owner, W. H. Getchell; builder, H. H. Smith.

Bower Park, Nos. 1-6, Ward 21, 6 three-st'y frame dwells., flat roofs, abt. 19′ x 48′; owner and builder, S. A. Reardon.

Wopper St., opp. Valentine St., and near same, two frame dwells., 24′ x 37′; owner and builder, J. F. Haddock.

Laurel St., Nos. 40-46, Ward 21, 4 three-st'y frame dwells., flat roofs, 21′ x 45′; owner and builder, B. F. Dean.

Sunnyside Terrace, Nos. 4-17, Ward 22, six frame dwells., 22′ x 36′; owners, Workingmen's Building Association; builder, G. W. Pope.

Dyer St., near Evans St., Ward 24, frame dwell., 20′ x 46′; owner, Isabella P. Downs.

Alaska St., No. 22, Ward 21, frame dwell., 21′ 4″ x 60′ 4″; owner, D. K. Reed; builder, C. H. Blodgett.

Symmes St., near Fairview St., Ward 23, frame dwell., 25′ x 40′; owner, Susan B. Roundy; builder, M. S. Mitchell.

East Third St., No. 735, Ward 14, three-st'y frame dwell., flat roof, 23′ x 60′; owner, M. J. O'Shaughessy; builder, P. O'Shaughessy.

Huntington Ave., near Newburn St., Ward 23, frame dwell., 21′ 6″ x 28′; owners, Eleanor and Andrew Bates; builder, H. M. Beal.

Dorchester Ave., No. 840, Ward 15, frame dwell., 24′ x 32′; owner, M. Donovan; builder, C. E. Snow.

Washington St., near Keyes St., Ward 23, frame dwell., 23′ x 41′; owner, P. Donough; builder, J. J. Flynn.

Robeson St., near Sigourney St., Ward 23, frame dwell., 26′ 4″ x 45′ 10″; owner, W. H. Riding; builder, C. Kempton.

Western Ave., cor. Riverdale St., Ward 25, three-st'y frame dwell. and bakery, flat roof, 25′ x 57′; owner, John Popp; builder, G. Merz.

Tucker St., near Lauriat Ave., Ward 24, frame dwell., 17′ x 40′; owner and builder, W. McLaughlin.

Newbury St., Nos. 154-158, Ward 11, 3 four-st'y brick dwells., flat roofs, 24′ x 71½; owner, Albion Knowlton; builders, O. H. Drisko & Son.

East Chester Pk., six brick and stone dwells., 20′ x 40′ each; owner, Russell Arnold Ballou; architect, J. A. Brazillian; builder, G. A. Patricks.

Brooklyn, N. Y.—*South Third St., No.* 368, 50′ e Hooper St., three-st'y brick dwell., tin roof; cost, $4,800; owner, H. Schaerer, 368 South Third St.; architect, Th. Engelhardt; builder not selected.

Jefferson Ave., s s, 130′ w Marcy Ave., 3 three-st'y brick dwells., tin roofs; cost, $45,000; owner and builder, J. F. Saddington; architect, F. D. Vrooman.

Palmetto St., s s, 150′ e Bushwick Ave., three-st'y frame (brick-filled) dwell., tin roof; cost, $4,000; owner and builder, Charles Welvi, Bushwick Ave., near Covert St.; architect, H. Vollweiler.

Halsey St., n s, 120′ w Sumner Ave., 5 two-st'y brick dwells., tin roofs; cost, $21,000; owner, W. C. Bush, 725 Union St.; architect, Robert Dixon.

Ivy St., s s, 220′ e Evergreen Ave., 2 three-st'y frame (brick-filled) dwells., tin roofs; cost, $7,000; owner, Mr. Anman, on premises; architect, H. Vollweiler; builder not selected.

Park Ave., s s, 42′ e North Elliot Pl., 4 four-st'y brick dwells., tin roofs; cost, $26,000; owners, Krigeler & Mehlhop, 88 North Oxford St.; architect, S. Harbison; builder not selected.

Weirfield St., s e cor. Evergreen Ave., three-st'y frame dwell., tin roof; cost, $8,000; owners and builders, Cozine & Gascoine, Bushwick Ave. and Duryea St.; architect, H. Vollweiler.

Jacob St., n s, 130′ w Evergreen Ave., 3 three-st'y frame dwells., tin roofs; cost, $4,000 each; owner and builder, J. H. Scott, 770 Monroe St.; architect, H. Vollweiler.

Putnam Ave., n s, 25′ e Lewis Ave., 3 three-st'y brick dwells., tin roofs; cost, $21,000; owner, E. H. Bishop, 617 Hancock St.; architect, J. S. Sterns.

Putnam Ave., n s, 82′ e Lewis Ave., 12 two-and-a-half-st'y brick dwells., tin roofs; cost, $72,000; owner and architect, same as last.

Carroll St., s s, 265′ w Fifth Ave., 3 three-st'y brick dwells., tin roofs; cost, $15,000; owner, architect and builder, Thomas Green, 174 St. John's Pl.

Monitor St., e s, 143′ 3″ n Van Pelt Ave., 2 three-st'y frame (brick-filled) dwells., tin roofs; cost, each, $5,000; owner, Henry Bindrim, on premises; architect, H. Vollweiler; builder not selected.

Steuben St., No. 74, w s, 150′ s Park Ave., three-st'y frame dwell., tin roof; cost, $3,600; owner, Thos. Pendergast, 74 Steuben St.; architect, F. J. Berlenbach Jr.; builder, Ch. Engert; mason, K. Wahler, Sr.

Putnam Ave., n s, 100′ w Stuyvesant Ave., three dwells.; Putnam Ave., n s, 200′ w Stuyvesant St., nine dwells.; Madison St., s s, 100′ w Stuyvesant Ave., three dwells. (15 two-and-a-half-st'y brick

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dwells.), tin roofs; cost, each, $5,500; owner, T. W. Swimm, 358 Putnam Ave.; architect and builder, Frank C. Swimm; mason, B. Kilduff.

Georgia Ave., w s, 126′ s Fulton Ave., 3 three-st'y frame dwells., tin roofs; cost, $8,000; owner, Josephine Gertum, 14 Alabama Ave.; architect and builder, Chas. Gertum.

Hull St., n s, 400′ w Saratoga Ave., two-st'y frame dwell., tin roof; cost, $3,000; owner, James Burrell, 11 Clinton St.; architect, D. Lauer; builders, Weeks & Lauer; mason, C. Bauer.

Arlington Ave., n s, 25′ e Linwood St., 2 two-and-a-half-st'y frame (brick-filled) dwells., tin roofs; cost, $3,800; owner, Thomas Everitt, 32 Ferry St., New York; architect and builder, W. C. Anderson; mason, H. M. Smith.

Hart St., s s, 160′ e Nostrand Ave., 5 two-and-a-half-st'y brick dwells., tin roofs; cost, $30,000; owner and builder, Thomas E. Greenland, 256 Kosciusco St.; architect, I. D. Reynolds.

Bushwick Ave., w s, 25′ n Cook St., three-st'y frame (brick-filled) dwell., tin roof; cost, $3,600; owner and builder, G. D. Rezenstine, 193 Varet St.

Central Pl., e s, 122′ 9″ n Grove St., 2 three-st'y frame (brick-filled) dwells., tin roofs; cost, $8,000; owner and builder, Michael Mulvihill, Greene Ave., near Bushwick Ave.; architect, H. Vollweiler.

Central Pl., e s, 100′ n Grove St., three-st'y frame (brick-filled) dwell., tin roof; cost, $4,000; owner and builder, M. Mulvihill, Greene Ave., near Bushwick Ave.; architect, H. Vollweiler.

Fifth Ave., w s, 25′ 2″ n Thirty-fourth St., three-st'y frame dwell., tin roof; cost, $3,000; owner, Peter Angelo, cor. Third Ave. and Fifty-third St.; architects, H. L. Spicer & Son.

Fourth Ave., n w cor. Thirteenth St., three-st'y brick dwell., tin roof; cost, $8,000; owners, Norris & Bowers, 282 Thirteenth St.; architect and builder, W. H. Norris.

Fourth Ave., w s, 20′ n Thirteenth St., 5 three-st'y brick dwells., tin roofs; cost, each, $4,500; owners, architect and builder, same as last.

Bergen St., n s, 85′ w Buffalo Ave., 10 two-st'y frame (brick-filled) dwells., felt and gravel roofs; cost, each, $1,800; owner, S. A. Denike, 724 Herkimer St.; architect, A. Hill; builders, Stutts & Smith.

St. Marks Ave., n s, 272′ 3″ e Underhill Ave., three-st'y brick dwell., tin roof; cost, $4,000; owner, Thos. Morris, 706 Washington Ave.; architects, A. Hill & Son.

Arlington Ave., n w cor. Cleveland St., two-st'y frame dwell., shingle roof; cost, $4,200; owner, Hulda Moll, Ashford St., near Arlington Ave.; architect, C. Infanger; builder, C. D. Rocher.

Schenck Ave., e s, 100′ s Arlington Ave., two-st'y frame dwell., slate and tin roof; cost, $3,900; owner, E. F. Wagner, Ashford St., near Arlington Ave.; architect, C. Infanger; builder, not selected.

Spencer St., e s, 325′ s Park Ave., three-st'y frame (brick-filled) dwell., tin roof; cost, $4,000; owner, Patrick Hughes, Park Ave., near Spencer St.; architect, Thos. Hanlon.

Arlington Ave., s e cor. Essex St., three-st'y frame (brick-filled) dwell., tin roof; cost, $3,500; owner, Johanna Bennett, Fulton Ave., near Essex St.; architect and builder, Thomas Bennett.

Van Buren St., s s, 325′ e Lewis Ave., 7 two-st'y brick dwells., tin roofs; cost, each, $4,800; owner and builder, J. R. Walters, 369 Tompkins Ave.; architect, I. D. Reynolds.

Hart St., s s, 351′ w Marcy Ave., 5 three-st'y brick dwells., tin roofs; cost, each, $6,000; owner and builder, John Parkin; architect, Thos. McKee.

McKibben St., No. 188, s s, 175′ w Bushwick Ave., three-st'y frame dwell., tin roof; cost, $4,500; owner, G. Lipperthauser, on premises; architect, H. Smith; builder, not selected.

Bremen St., w s, 52′ s Melrose St., three-st'y frame (brick-filled) dwell., tin roof; cost, $4,500; owner, Charles Koerger, 23 Bremen St.; architect, F. Lessing.

Tenth St., n s, 206, w Ninth Ave., 7 three-st'y brick dwells., tin roofs; cost, each, $7,000; owner, Thomas Brown, 644 Tenth St.; architects, Higgs & Rooke.

Throop Ave., No. 204, three-st'y frame (brick-filled) dwell., tin roof; cost, $5,000; owner, Mrs. Hoffman, on premises; architect, Th. Engelhardt; builder, Wm. Maske.

Harman St., w s, 100′ s Knickerbocker Ave., 6 three-st'y frame dwells.; also Himrod St., e s, 100′ s Knickerbocker Ave., 6 three-st'y frame dwells., tin roofs; cost, each, $4,300; owner, D. R. James, 282 Throop Ave.; architect, George Ochs; builders, J. Miller and Geo. Ochs.

McDougal St., s e cor. Howard Ave., three-st'y brick dwell., tin roof; cost, $5,000; owner, Babette Peters, 163 Lewis Pl.; architect, C. F. Eisenach; builder, not selected.

McDougal St., s s, 26′ e Howard Ave., 4 two-st'y brick dwells., tin roofs; cost, each, $3,000; same as last.

Tompkins Ave., n w cor. Kosciusko St., three-st'y brick dwell., tin roof; cost, $18,000; owner, Rev. D. J. Sheehy, De Kalb and Tompkins Aves.; architect, T. F. Houghton; builder, Daniel Ryan; masons, P. Conlin & Son.

Chauncey St., s s, 75′ w Stuyvesant Ave., 4 two-st'y brick dwells., tin roofs; cost, each, $4,300; owner, J. F. Tyler, 723 Jefferson Ave.; architects, A. Hill & Son.

Humboldt St., w s, 221′ 10″ n Van Cott Ave., three-st'y frame (brick-filled) dwell., tin roof; cost, $3,500; owner, Chr. Berdux, 22 Diamond St.; architect, H. Vollweiler; builder, not selected.

Tompkins Ave., No. 121, 59′ 6″ s Myrtle Ave., three-st'y brick dwell. and store, tin roof; cost, $4,800; owner, Philip Kruger, s e cor. Tompkins and Myrtle Aves.; architect, Wm. Josiah.

Woodbine St., No. 118, n s, 184′ e Evergreen Ave., two-st'y frame dwell., tin roof; cost, $3,000; owner, John H. Fort, Woodbine and Evergreen Ave.; architect and builder, H. W. Plimchief.

Liberty Ave., s e cor. Bradford St., three-st'y frame (brick-filled) dwell., tin roof; cost, $5,000; owner, J. Shaughnessy, 33 Bradford St.; architect, F. Holmberg.

Forty-fifth St., s s, 120′ w Fourth Ave., three-st'y frame (brick-filled) dwell., tin roof; cost, $3,000; owner and builder, Alfred Svenlin, 63 Thirty-seventh St.

Halsey St., n s, 45′ Sumner Ave., 4 two-st'y brick dwells., tin roofs; cost, each, $5,000; owner, W. C. Bush, cor. Carlton and St. Marks Aves.; architect, R. Dixon.

Halsey St., n s, 25′ w Sumner Ave., three-st'y brick dwell., tin roof; cost, $6,000; owner, etc., same as last.

Wythe Ave., e s, 90′ n Rutledge St., three-st'y brick dwell., tin roof; cost, $5,000; owner and builder, Peter Cumerford, 67 Rodney St.; architect, I. D. Reynolds.

Morrill St., s w cor. Debevoise St., four-st'y frame (brick-filled) dwell., tin roof; cost, $7,500; owner, Joseph Wagner, 12 Debevoise St.; architect, Th. Engelhardt.

Warwick St., e s, 125′ n Atlantic Ave., 14 two-st'y frame dwells., tin roofs; cost, each, $3,300; owner, architect and builder, same as last.

Dumont Ave., s s, 20′ w Junius St., 2 two-st'y frame dwells.; also e s Junius St., 120′ s Dumont St., 4 two-st'y frame dwells, tin roofs; cost, $7,800; owner, A. J. Palm, 90 Hancock St.; architect, Russell; builders, Ferguson & Dickinson.

Ashford St., w s, 100′ n Atlantic Ave., 14 two-st'y frame dwells., tin roofs; cost, each, $3,300; owner, E. F. Linton, Atlantic and Van Siclen Aves.; architect, Wm. Danmar; builder not selected.

Bushwick Ave., s w cor. Boerum St., three-st'y frame (brick-filled) dwell., tin roof; cost, $5,500; owners and builders, Kodziesen Bros., cor. Bushwick Ave. and Johnson St.; architect, Th. Engelhardt.

Sumpter St., n s, 175′ w Saratoga St., two-st'y frame (brick-filled) dwell., tin roof; cost, $3,000; owner, G. Ziegler, 177 Sumpter St.; builder, A. Kline.

Milton St., s s, 324′ w Manhattan Ave., three-st'y brick dwell., tin roof; cost, $9,000; owner and builder, Henry Gerard, Lorimer St.; architect, Th. Engelhardt.

Ninth St., n s, 20′ w Fourth Ave., 2 three-st'y brick dwells., gravel roofs; cost, $5,000; owner and builder, Charles Collins, 442 Ninth St.; architect, J. G. Glover.

Charlestown, Mass.—*Seaver St.*, block of two frame dwells., 38′ 6″ x 48′ 6″; owner, Mrs. Tyler; architect, J. A. Brazillian, Boston.

Columbia St., block of three frame dwells., 21′ x 37′; owner, John Driscoll; architect, J. A. Brazillian, Boston.

Chelsea, Mass.—Frame dwell., 28′ x 42′; owner, J. H. Willey; contract to be let; architect, W. A. Rodman, Boston.

Chicago, Ill.—A. Tenney, two-st'y dwell., Millard Ave.; cost, $2,500; architect, J. L. Meriam.

T. Lyman, 3 two-st'y dwells., North Ada St.; cost, $9,000; architect, Wells.

Cincinnati, O.—Sarah Rogers, dwell., Eighth St., bet. Mound and Cutter Sts.; cost, $5,000; architect, S. W. Rogers.

Wm. Miller, two-and-one-half-st'y brick dwell., 494-496 Colerain Ave.; cost, $5,000; architect, E. F. Baude.

Jos. Trevior, two dwells., East Kemper La.; cost, $6,400; architect, Ben. Evans.

A. Paddock, two-and-one-half-st'y dwell., McMillen St.; cost, $4,000; architect, S. W. Rogers.

P. C. Bonte, two-and-one-half-st'y double dwell., 14 David St.; cost, $4,400; architects, G. & A. Brink.

E. O. Ehelby, two-and-one-half-st'y frame dwell., May and Fern Sts.; cost, $6,000; architect, Thornton Fitzhugh.

A. J. Thiering, owner and architect, 4 two-st'y frame dwells., Powers St.; cost, $6,000.

T. Robinson, 7 one-st'y frame cottages, Oregon St.; cost, $4,100; architect, G. H. Plimp.

A. Bell, two-st'y brick dwell., Blue Rock Ave.; cost, $10,000; architects, Crapsey & Brown.

M. Frank, three-st'y double dwell., Oak and Lane Sts.; cost, $11,000; architects, Crapsey & Brown.

S. P. Nelson, dwell., Melrose St.; cost, $3,800; architect, John Boll.

Mrs. Widdefield, two-and-one-half-st'y double dwell., McGregor and Nelson Sts.; cost, $8,000; architect, S. F. Plympton.

Detroit, Mich.—A. C. Varney, two-st'y brick dwell., McDougall Ave.; cost, $8,000; two-st'y brick double dwell., McDougall Ave.; cost, $6,000; two-st'y brick double dwell., Third Ave.; cost, $6,500; brick dwell., 83 East Forest Ave.; cost, $5,500; brick double dwell., Sixth St.; cost, $3,500; frame dwell., East Congress St.; cost, $3,000; two-st'y brick dwell. and barn, East Warren Ave.; cost, $6,000.

A. Chapoton, Jr., brick dwell., Elliot St.; cost, $7,000.

Dublin, N. H.—Frame dwell., 40′ x 50′, with stable, 20′ x 30′; owner, Geo. E. Gilbert, Trustee for Geo. L. Foote; contract to be let; architect, Henry Vaughan, Boston.

Linden, Mass.—Frame dwell., 22′ x 31′; owner, Chas. H. Pratt; architect, J. A. Brazillian, Boston; builder, J. C. McLennon.

Melrose, Mass.—*Bellevue Ave. and Linden St.*, frame dwell., 35′ x 35′; owner, William Woolbridge; architect, W. A. Rodman, Boston; builder, Jas. Rendall.

Philadelphia, Pa.—*Clearfield St.*, s s, w Richmond St., two-st'y brick dwell.; owner, A. Benner, 3164 Richmond St.

Fortieth St., e s, n Brown St., 13 brick dwells.; owner, Clarence M. Busch, 504 South Forty-second St.

Ontario St., s s, bet. Amber and Waterloo Sts., 8 two-st'y and two three-st'y corner buildings; owner, C. A. Max Wiehle, 319 North Thirty-second St.

Walnut and Thirty-eighth Sts., ground has been broken by Page Bros. for 13 large brick and stone dwells.

Seventeenth St., w s, s Park St., 3 two-st'y dwells. with store; owner, Clarence L. Harper, 1730 Allegheny Ave.

Clinton St., e s, n Louden St., two-st'y brick and frame dwell.; owner, E. K. Welch, Wyoming and Fisher's Lanes.

Fawn St., w s, bet. York and Dauphin Sts., 9 two-st'y brick dwells.; owner, Andrew Miller, 1322 Tasker St.

Ellsworth St., s s, bet. Twenty-sixth and Twenty-seventh Sts., 2 two-st'y brick dwells.; owner, John J. McDuffee, 1927 North Seventh St.

Chelten Ave., n w s, ab. Cedar St., three-st'y dwell.; owner, Hiram A. Miller, Fifteenth and Clearfield Sts.

Uber St., e s, ab. Westmoreland St., 7 two-st'y dwells.; owner, Hiram A. Miller, Fifteenth and Clearfield Sts.

Prospect Ave., n s, w Ridge Ave., 2 two-and-a-half-st'y brick dwells.; owner, John W. Fitzinger, Gate St., Roxborough.

Leverington Ave., n s, e Ridge Ave., 2 two-st'y brick and frame dwells.; owner, John W. Fitzinger, Gate St., Roxborough.

Clearfield St., s s, e Twenty-second St., 3 two-st'y dwells.; owner, Hiram Miller, Fifteenth and Clearfield Sts.

Birch St., n s, e Ann St., 7 two-st'y brick dwells.; owner, W. S. P. Shields, 3306 Baltimore Ave.

Seventeenth St., n w cor. Sansom St., three-st'y brick dwell.; builders, Geo. F. Payne & Co., 401 South Juniper St.

Main St., n w s, s Boyer St., 2 two-and-a-half-st'y dwells.; builder, Isaak K. Pierson, Mount Airy Ave., Mount Airy.

Front St., e s, s Tasker St., 7 three-st'y brick dwells.; owner, J. L. Tomlinson, 3647 North Sixth St.

Manayunk Ave., s s, e Leverington St., two-st'y stone dwell.; owner, Wm. H. Eddleman, 480 Green La.

Manayunk Ave., s s, w Leverington St., 2 three-st'y brick dwells.; owner, Wm. H. Eddleman, 480 Green La.

Dexter St., s s, near Levery St., two-st'y brick dwell.; owner, Wm. F. Rayner, Pechin St., ab. Schurz La.

Dexter St., s s, e Green La., two-st'y dwell.; owner, Wm. H. Eddleman, 480 Green La.

Manayunk Ave., e s, w Morton St., 2 three-st'y brick dwells.; owner, Harry Rowland, Green La.

Dexter St., s s, e Green La., two-and-a-half-st'y brick dwell.; owner, Wm. H. Eddleman, 480 Green La.

Palethorp St., e s, bel. Diamond St., 3 two-st'y brick dwells.; builder, Geo. Young, 2040 Hancock St.

Twenty-seventh St., e s, n Columbia Ave., 29 three-st'y dwells.; owner, John M. Sharp, 1936 South College Ave.

Columbia Ave., n s, bet. Taney and Beacon Sts., 13 three-st'y dwells.; owner, John M. Sharp, 1936 South College Ave.

Thirty-eighth St., e s, bet. Walnut and Sansom Sts., 6 three-st'y brick and stone dwells.; owners and builders, Page Bros., 132 South Fourth St.

Twenty-seventh and Mead Sts., Ward 22, 8 two-st'y brick dwells.; builder, M. D. Wartman, 48 Mechlin St.

Wakefield St., No. 4479, two-st'y brick back building; builder, M. D. Wartman, 48 Mechlin St.

Mechlin St., n s, e Main St., three-st'y brick dwell.; builder, M. D. Wartman, 48 Mechlin St.

Charles St., s e s, bet. Mitchell and Pechin Sts., 4 two-st'y brick dwells.; owner, Thomas H. Allen; contractor, H. Allibone, 4438 Cresson St.

Twelfth St., e s, n McKean St., 2 two-st'y brick dwells.; builder, Wm. Morrow, 1029 Snyder Ave.

Wakefield St., n s, bet. Jefferson and Wister Sts., two-st'y brick dwell.; owner, Walter Bowditch, 215 High St.

Bailey St., e s, n Jefferson St., 3 two-st'y brick dwells.; builder, William H. Lower, 1518 North Twenty-sixth St.

Ristine St., e and w s, s Jackson St., Ward 1, 24 two-st'y brick dwells.; builder, Henry R. Coulomb, 731 South Tenth St.

Thirteenth St., w s, bet. York and Cumberland Sts., 22 two-st'y brick dwells.; builder, Thomas Batley, 942 Silver St.

Moyamensing Ave., s w s Mifflin St., two-st'y brick dwell.; owner, F. G. Heisseman, 708 Moore St.

Bridge St., n s, near Taconey Creek, 3 two-st'y brick dwells.; owner, George F. Little, 4734 School St., Bridesburg.

Pulaski Ave., e s, s Chelten Ave., 8 three-st'y brick dwells.; owner, William J. Pendleton, Weiss St., Germantown.

Thompson St., ab. Fifteenth St., three-st'y brick dwell.; contractor, J. H. Jordans, Twenty-third and Jefferson Sts.

Funk St., n s, e Hagerman St., two-st'y brick dwell.; owners, Lukens & Rhoads, 2337 Townsend St.

Willow St., w s, n Wakeling St., two-st'y brick dwell.; owners, R. C. Winnals & Bro., 4633 Worth St.

Wakeling St., s s, w Willow St., two-st'y brick dwell.; owners, R. C. Winnals & Bro., 4633 Worth St.

Willow St., e s, n Harrison St., two-st'y brick dwell.; owners, R. C. Winnals & Bro., 4633 Worth St.

Willow St., w s, s Harrison St., two-st'y brick dwell.; owners, R. C. Winnals & Bro., 4633 Worth St.

Wharton St., s s, w Twenty-second St., 20 two-st'y brick dwells.; owner, Henry Rankin, 1260 South Twenty-first St.

Bellevue St., s s, bet. Twentieth and Twenty-first Sts., 16 two-st'y brick dwells.; owner, Charles O. Brown, 910 Walnut St.

Crowson St., n e s, s Church St., 5 two-st'y brick dwells.; builder, James J. Sharp, 5101 Adams St.

Gleason St., e s, s Prospect St., 2 two-st'y brick dwells.; owner, Julius Stricker, Gleason St., near Prospect St.

Jefferson St., s s, w Orthodox St., two-st'y brick dwell.; owners, Cox & Strickler, 238 East Orthodox St., Frankford, Pa.

Fairmount Ave., n s, w Eleventh St., three-st'y dwell. and office-building; owner, Samuel Hart, 1104 Wallace St.

Olive St., s s, w Eleventh St., stable and shop, and 3 three-st'y dwells.; owner, Samuel Hart, 1104 Wallace St.

Spring Garden St., Nos. 4021-4041, 11 three-st'y brick dwells.; owners, Nicholson & Richardson, n w cor. Fortieth and Green Sts.

Forty-fourth St., n e cor. Belmont Ave., two-st'y brick dwell.; owner, C. Muhlmann, s w cor. Forty-fifth St. and Westminster Ave.

Argyle St., n s bet. Fifth and Sixth Sts., 13 two-st'y brick dwells.; owners, Ross & Lilley, 1224 Snyder Ave.

Roberts St., e s, n London St., Teltonville, Ward 22, three-st'y frame dwell.; owner, Mrs. Christina Rutter, Crescentville, Pa.

Broad St., e s, bel. Federal St., three-st'y brick dwell.; owner, W. R. Chapman, 2041 Christian St.

Lansdowne Ave., s s, w Sixtieth St., 2 two-st'y dwells.; owner, John Frost, 16½ Media St.

Chester Ave., s s, bet. Forty-fifth and Forty-sixth Sts., 4 three-st'y brick dwells.; builder, Henry T. Suplee, 1315 South Forty-ninth St.

Green La., s s, n e Wood St., three-st'y brick dwell.; owner, W. H. Eddleman.

Janney St., e s, n Venango St., two-st'y brick dwell.; owner, Harry Deacon, 1938 Madison Ave.

Ross St., w s, n Penn St., six four-roomed stone dwells.; owner, Edward Patterson, 4805 Main St., Germantown.

Pratt St., n s, cor. Trenton Ave., two-st'y brick dwell.; owner, H. Luckings & Rhoads, 2337 Townsend St.

Erie Ave., w s, from Sixteenth to Seventeenth Sts., 14 two-st'y brick dwells.; owner, Hosea Smith, 1809 Ontario St.

Pennsgrove Ave., s s, w Forty-second St., 23 two-

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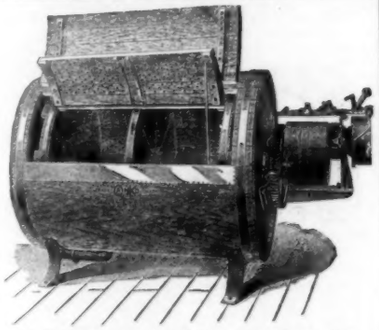

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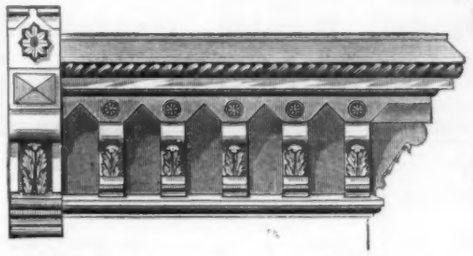

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st'y brick dwells.; owners, Smith & Erickson, 3947 Lancaster Ave.

Westminster Ave., s s, w Forty-second St., 20 two-st'y brick dwells.; owners, Smith & Erickson, 3947 Lancaster Ave.

Forty-third St., e s, n Westminster Ave., 2 two-st'y brick dwells.; owners, Smith & Erickson, 3947 Lancaster Ave.

Eighth St., e s, ab. Columbia Ave., three-st'y brick dwell.; owner, J. Clayton Haldeman, 1809 Marshall St.

Adams St., n e cor. and s e Ruan St., four brick buildings; owners, Osbourne Bros., 4316½ Frankford Ave.

Smedley St., e s, w Venango St., 2 two-st'y brick dwells.; owner, Jas. Mole, 1707 Daunton St.

Crumback St., n s, w Twelfth St., 8 two-st'y four-room brick dwells.; owner, Jas. C. Sneder, 1227 Dickinson St.

Indiana Ave., n e cor. Gransback St., 2 two-st'y brick dwells.; owner, Richard Magee, 1516 North Eighth St.

Fairmount Ave., No. 1723, three-st'y brick dwell.; owner, J. C. Stackhouse, 2961 D Street.

Juniper St., n e cor. Pritchett St., two-st'y four-room brick dwell.; owner, Henry N. Wilson, 1924 Fitzwater St.

Tivoli St., n s, e Eleventh St., 27 brick dwells.; owner, Jacob Marsch, 2825 Germantown Ave.

Twenty-eighth St., e s, n Parrish St., two-st'y brick dwell.; owner, Jonathan Ritchie, 2712 Parrish St.

BUILDING INTELLIGENCE.

McClellan St., s s, bet. Twentieth and Twenty-first Sts., 25 two-st'y brick dwells.; owners, Thomas J. & Irvin Armstrong, 1333 South Nineteenth St.

Park St., s s, w Seventeenth St., 23 two-st'y brick dwells.; owner, Clarence L. Harper, 1730 Allegheny Ave.

Seventeenth St., e s, ab. Erie Ave., 2 two-st'y brick dwells.; owner, Hosea Smith, 1809 Ontario St.

Pulaski Ave., s w s, n Erie Ave., 43 two-st'y brick dwells.; owner, H. Oscar Smith.

South St., s s, w Sixty-first St., two-st'y brick dwell.; owner, H. Oscar Smith; builder, J. Duncan Mitchell, Fernwood.

Forty-second St., w s, ab. Westminster Ave., 10 three-st'y brick dwells.; owners, Smith & Erickson, 3947 Lancaster Ave.

Providence, R. I.—*Waterman and Ives Sts.*, two-and-one-half-st'y frame dwell.; cost, $7,000; owner, Fred. B. Evans; builder, Henry W. Goff.

Chalkstone Ave., two-and-one-half-st'y frame dwell.; Belmont Ave., 2 two-and-one-half-st'y frame dwells.; and Roanoke St., two-and-one-half-st'y frame dwell.; owner and builder, John Hebden.

Ship St., two-and-one-half-st'y dwell.; cost, $3,800; owner, H. Rosenberg; builder, D. R. Baldwin.

Camp St., frame dwell.; cost, $3,500; owner, Mrs. Maria Mayor; builder, Jas. Canning.

Spring St., near Broad St., frame dwell.; owner, Lewiston Fry; architect, W. H. Colwell; builders, Whitaker & Smith.

Somerville, Mass.—*Gibbens St.*, frame dwell., 24′ x 28′, with L, 9′ x 16′; owner and builder, Hiram A. Turner.

Dana St., frame dwell., 21′ x 29′, with L, 15′ x 20′; owner and builder, Cyrus D. Clark.

Derby St., frame dwell., 17′ x 36′; owner, Mary E. Ricker; builder, John K. Ricker.

Barstow Ave., frame dwell., 25′ x 27′, with L, 8′ x 14′; owner, Ann M. Owens; builder, Chas. A. Slager.

Wesley Park, frame dwell., 23′ x 45′; owner, Mary J. Flint; builder, G. D. B. Robinson.

Gibbens St., frame dwell., 25′ x 27′, with L, 8′ x 14′; owner and builder, Chas. A. Slager.

Heath St., frame dwell., 25′ x 30′; owners, Cushman & Bingham; builder, John K. Ricker.

Allen St., frame dwell., 20′ x 30′; owner, Patrick Cassidy; builder, Mr. Sullivan.

BUILDING INTELLIGENCE.

Medford St., near Washington St., frame dwell., 22′ x 28′, with L, 14′ x 16′; owner, Frederick M. Burrows; builder, Chas. A. Slager.

Central St., No. 75, frame dwell., 25′ 6″ x 40′; owner, Mary E. Maynard; builder, Chas. Mead.

Prospect Hill Ave., three-st'y frame dwell., 25′ x 45′, with L; owner, Mr. Crowthers; builder, John K. Ricker.

Virginia St., two frame dwells., 24′ x 26′; owner, Nathan H. Reed; builders, Hudson & Lewis.

Holland st., cor. Gorham St., two frame dwells. in block, 24′ x 35′, with L, 17′ x 17′; owner and builder, Robert A. Miner.

Dana St., frame dwell., 27′ x 48′; owner, B. S. Cole; builder, M. K. Norwood.

Sargent Ave., frame dwell., 26′ x 45′, with L, 10′ x 18′; owner, Chas. P. Scott; builder, John R. Thompson.

Sargent Ave., frame dwell., 27′ x 45′; owner, Chas. Scott; architect, J. A. Brazillian, Boston.

St. Louis, Mo.—Two-st'y brick dwell.; cost, $3,400; owner, H. E. Engelhorst; architect, C. Hammel; contractor, Robt. Doeste.

Two-st'y brick dwell.; cost, $2,800; owner, L. Junod; architect, A. M. Baker.

Two-st'y and mansard brick dwell.; cost, $6,000; owner, T. C. Higgins; architects, Furlong & Brown.

Two-st'y and mansard brick dwell.; cost, $5,000; owner, L. Sporing; architect, C. Rees; contractors, Reis & Son.

Two two-st'y brick dwells.; cost, $4,000; owner and contractor, J. J. McMahon.

Two adjacent one-st'y brick dwells.; cost, $2,500; owner and contractor, Jno. A. Shriner.

Two-st'y brick dwell.; cost, $2,500; owner, Jno. Zimmermann; contractor, C. C. Newberry.

Two-st'y brick dwell.; cost, $3,000; owner, Jno. Zimmerman; contractor, C. C. Newberry.

Two-st'y frame dwell.; cost, $2,500; owner and contractor, J. W. Stewart.

Two-st'y brick dwell.; cost, $2,500; owner and contractor, J. W. Stewart; architect, A. M. Baker.

Waltham, Mass.—Frame dwell., 30′ x 64′; owner, Wm. E. Bright, contract to be let; architects, Hartwell & Richardson, Boston.

Wyoming (Melrose) Mass.—*Florence St.*, frame dwell., 27′ x 40′; owner, F. H. Bosson; builder, Wm. Morse; architect, W. A. Rodman, Boston.

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BUILDING INTELLIGENCE.

PUBLIC BUILDINGS.

Amherst, Mass.—*Main St.*, cor. Maple Ave., brick and stone town-hall, 60′ x 120′; cost, abt. $45,000; contract to be let; architect, H. S. McKay, Boston.

Savannah, Ga.—Miles & Bradt, Atlanta, Ga., have received the contract, at $97,500, to build a new court-house for Chatham County.

RAILROAD BUILDINGS.

Omaha, Neb.—Presidents Adams of the Union Pacific and Perkins of the Burlington have signed a contract for the construction of a union depot; cost, $1,500,000.

SCHOOL-HOUSES.

Chicago, Ill.—The Board of Education, three-st'y school-house, Brown St.; cost, $55,000; architect, C. Rudolph.

New York, N. Y.—*Eagle Ave.*, s e cor. One Hundred and Sixty-third St., four-st'y brick school, tin roof; cost, $185,000; owner, City of New York; architect, Geo. W. Debevoise, 146 Grand St.

Whitinsville, Mass.—Five-room brick high school; contract to be let; architects, Hartwell & Richardson, Boston.

STABLES.

Baltimore, Md.—Cochran-Oler Ice Co., one-st'y brick stable, s s Boston St., opp. Burke St.

Boston, Mass.—*Greenville St., No. 7, rear*, Ward 21, frame stable and carriage-house, 29′ 2″ x 54′ 2″; owner, M. T. Clarke.

Brooklyn, N. Y.—*Grand Ave.*, e s, 200′ s Myrtle Ave., one-st'y brick stable, gravel roof; cost, $3,000; owners, architects and builders, Morris Building Co., 215 Ryerson St.

Chicago, Ill.—J. H. Walker & Co., two-st'y stables, Wabash Ave.; cost, $5,000; architect, L. B. Townsend.

New York, N. Y.—*Eighty-eighth St.*, n s, 82′ 2½″ w Fourth Ave., four-st'y brick stable, tin roof; cost, $50,000; owner, Elliott F. Shepard, 501 Fifth Ave.; architects, McKim, Mead & White, 57 Broadway.

Somerville, Mass.—*Trull St.*, frame stable, 20′ x 25′; owner and builder, P. O'Connell.

Oxford St., frame stable, 20′ x 26′; owner, Margaret Breman; builder, Jesse S. Rich.

STORES.

Brooklyn, N. Y.—*Wyckoff Ave.*, e s, 75′ n Greene Ave., three-st'y frame (brick-filled) store and tenement, tin roof; cost, $4,800; owner, Peter Riebling, 311 Palmetto St.; architects, D. Acker & Son.

Wyckoff Ave., e s, 50′ s Stanhope St., 2 three-st'y frame (brick-filled) stores and tenements, tin roofs; cost, $9,500; owner, Henry Wassmuth, 170 Throop Ave.; architects, D. Acker & Son.

Flushing Ave., n s, 105′ 5″ w Morrell St., 3 four-st'y frame (brick-filled) stores and tenements, tin roofs; cost, each, $5,500; owner, Dr. Figueira.

Tompkins Ave., s w cor. Hopkins St., four-st'y brick store and tenement, tin roof; cost, $11,000; owner and builder, Chas. Froeb, on premises; architect, Th. Engelhardt.

Manhattan Ave., e s, 75′ n Dupont St., four-st'y frame (brick-filled) store and tenement, gravel roof; cost, $6,000; owner, Robert Cradock, 95 Coles St.; architect, P. Tillion; builders, T. Davis and J. Rooney.

Park Ave., s e cor. Skillman St., four-st'y frame (brick-filled) store and tenement, tin roof; cost, $6,000; owner, E. K. Van Buren, 182 Franklin Ave.; builder, S. J. King.

Hamilton Ave., s e cor. Garnet St., 3 four-st'y brick stores and tenements, tin roofs; total cost, $20,000; owner, Mary E. Lynch, 236 St. John's Pl.; builder, J. McClean.

Cincinnati, O.—H. A. & A. Mentel, three-and-one-half-st'y store and flats, Sixth St.; cost, $4,500; architect, S. S. Godley.

C. C. W. Agen, three-and-one-half-st'y store and flats, Concord and McMillen Sts.; cost, $15,000; architect, Theo. Richter.

Wm. Miller, store, Main St., bet. Fourth and Fifth Sts.; cost, $16,000; architects, S. Hannaford & Sons.

Little Rock, Ark.—Drs. Thompson & Dibrele, block of two-st'y brick stores, Seventh and Main Sts.; cost, $10,000; architect, T. Harding; contractor, W. Hamlet.

St. Louis, Mo.—Three-st'y brick store and flats; cost, $5,500; owner, Mrs. L. Kaut; architect, E. C. Jannsen; contractor, C. C. Linnenkohl.

TENEMENT-HOUSES.

Boston, Mass.—*Middlesex St., Nos. 7-9*, Ward 16, 2 four-st'y brick tenements, flat roofs, 14′ 6″ x 40′; owner and builder, J. H. T. Adams.

Brooklyn, N. Y.—*Hancock St.*, n s, 75′ w Howard Ave., four-st'y brick tenement, tin roof; cost, $9,000; owner, Thos. H. Robbins, Keyport, N. J.; architects, A. Hill & Son.

Jefferson Ave., s s, 75′ w Howard Ave., four-st'y brick tenement, tin roof; cost, $9,000; owner and architects, same as last.

Hicks St., n w cor. Huntington St., four-st'y frame tenement, tin roof; cost, $4,000; owner, Wm. Brady, on premises; architect, J. Lewis; builder not selected.

Hamburg Ave., s w cor. Stockholm St., 4 three-st'y frame (brick-filled) tenements, tin roofs; total cost, $19,500; owners and architects, Wischerth Bros., 157 Boerum St.; builder not selected.

Kent St., s s, 100′ w Manhattan Ave., 4 four-st'y brick tenements, gravel roofs; cost, $10,000 each; owners, architects and builders, John J. Cashman and James McFarlane, 110 Milton St.

Smith St., w s, 50′ s Degraw St., four-st'y brick tenement, tin roof; cost, $4,500; owner, Ann Shields, Smith St.; architect and builder, John Conlon.

Prospect Pl., n s, e Vanderbilt Ave., four-st'y brick tenement, gravel roof; cost, $5,000; owner, H. A. Gibbons, 106 Vanderbilt Ave.

Flatbush Ave., s e cor. St. Mark's Ave., 3 four-st'y brick tenements, tin roofs; cost, $11,000 each; owner, L. Schelling, Flatbush and St. Mark's Aves.; architect, Chas. Werner; builders, John Lee's Sons; mason, Thos. Donlon.

Cincinnati, O.—Maggie Bender, three-and-one-half-st'y tenement, Calhoun St.; cost, $6,000; architect, Lewis Piket.

Christ. Scufferle, three-and-one-half-st'y brick tenement, Livingston St.; cost, $4,250; architect, J. G. Heyle.

St. Louis, Mo.—Two-st'y and mansard brick tenement; cost, $3,000; owner, F. Mueller; contractor, J. Weis.

WAREHOUSES.

Baltimore, Md.—Geo. B. Graham will build a four-st'y brick warehouse, s w s, cor. Boston St., opp. Concord St.

Amelia A. Banks, four-st'y brick warehouse, e s Gay St., n Baltimore St.

MISCELLANEOUS.

Allston, Mass.—Frame club-house, 42′ x 50′, with L, 21′ x 27′, for the Allston Club; cost, abt. $15,000; architect, W. A. Rodman, Boston; builders, Mitchell & Sutherland.

Baltimore, Md.—Isador Noah will erect a four-st'y brick building, s e cor. Broadway and Eastern Ave.

Boston, Mass.—*Near Art Museum*, five-st'y brick and stone building, mill construction, 50′ x 148′, for Massachusetts Institute of Technology; architect, F. W. Chandler; superintending architect, W. A. Rodman; builders, D. Connery & Co.

Kemble St., near Gerard St., Ward 20, frame machine-shop, flat roof, 88′ x 124′; owners, Mechanics' Iron Foundry Co.

Sleeper St., near Congress St., rear, Ward 13, two-st'y frame storage, flat roof, 35′ x 60′; owners, Boston Wharf Co.

Mercantile St., No. 22, Richmond St., Arlington and Concord Aves., Ward 6, two-st'y frame market, flat roof, 42′ x 112′ 6″; owners, Mercantile Wharf Corporation; builder, W. Carpenter.

Stankope St., near Morgan St., Ward 11, five-st'y brick mercantile building, flat roof, 40′ x 107′ 8″; owner, J. C. Haynes; builder, G. W. Pope.

Albany St., cor. Malden St., Ward 17, one-st'y brick mechanical building, 50′ x 80′, flat roof; owners and builders, F. G. Coughlan & Co.

Chicago, Ill.—West Chicago Street Railway Co., one-st'y power-house, Milwaukee Ave.; cost, $40,000; architects, E. Ernshaw & Son.

Iron-Work.

JACKSON ARCHITECTURAL IRON WORKS,
ESTABLISHED 1840.

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Fronts for Buildings, Cornices, Lintels and Sills, Doors and Shutters, Girders and Beams, Fire-Escape Balconies and Ladders, Columns and Roofs, Sky and Floor Lights, Stable Fittings and Fixtures, Sidewalk Lights. Artistic work in Wrought and Cast Iron, Brass and Bronze. Designs and Estimates of Cost Furnished for Work in any Department.

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Iron and Steel I Beams, Channels, Angles, Tees and odd sections,
Open Hearth Steel Plates, Bessemer and Open Hearth Blooms,
Slabs and Billets, Steel T and Street Rails.
Iron and Steel Axles, Links and Pins, Wrought Iron Draw Bars,
Universal Mill Plates, Merchant Bar Iron and Steel, Steel
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ST. LOUIS: Bank of Commerce Building.
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Manufacturers of Iron and Steel Beams, Channels, Plates, Tees, Angles and Bars,
And Special Shapes for Architectural and Engineering Purposes,
Office, 132 First Avenue. PITTSBURGH, PA.
F. D. Moffat & Co., 100 Beekman St., New York.
Eastern Agents.

BUILDING INTELLIGENCE.

Cincinnati, O.—Cincinnati Fire Department, engine-house, Young and Slack Sts.; cost, $7,000; architect, C. H. Fox.

Detroit, Mich.—Jacob Beck & Sons, feed-mill, Congress St., near Fourth St.; cost, $6,000.

Grand River Ave. Street Railway, car barns, Grand River Ave.; cost, $4,800.

Detroit Spring Works, foundry, Michigan Ave.; cost, $8,000; contractor, Henry Career.

Exeter, N. H.—Nearly one hundred of the leading citizens have united in forming a Board of Trade for this town. Hon. John J. Bell was elected President, and a strong Executive Committee, as well as one on New Industries and Town Improvements, were appointed. It is the purpose of the citizens, through this Board, to make the commercial advantages of their town more widely known, and to extend substantial encouragement to all desirable manufacturing interests that may locate among them.

New York, N. Y.—*Morris Ave.*, w s, 60' n One Hundred and Fifty-eighth St., one-st'y brick storage, tin roof; cost, $15,000; owner, N. Y. C. & H. R. R. Co., Grand Central Depot; architect, Walter Katte, Grand Central Depot.

Another enlargement to the American Museum of Natural History is contemplated; J. C. Cady & Co. have prepared plans.

COMPETITION.

MUNICIPAL BUILDINGS.
[At New York, N. Y.]

NEW YORK, N. Y., April 22, 1889.

NOTICE TO ARCHITECTS.

In accordance with the provisions of Chapter 371 of the Laws of 1887, entitled "An act to provide for the erection of a building for criminal courts and other purposes in the city of New York," the Commissioners of the Sinking Fund will receive plans, specifications and estimates of cost **until the 20th day of June, 1889,** for the building provided for in the said act, to be erected on the block bounded by Centre and Elm and White and Franklin Streets.

The plans, estimates and specifications to be submitted are described in a paper entitled "Instructions to Architects," which can be obtained on application at the Comptroller's office.

These "Instructions" will also contain a diagram of the plot on which the building is to be erected, showing location, dimensions, etc.

The architect whose plan, estimate and specification shall be approved and accepted by the Commissioners will be appointed architect for the construction of the building, and be paid for his services in superintending the work the fees prescribed by the American Institute of Architects, provided his standing is such as to guarantee a faithful discharge of his duties.

Each set of plans, estimates and specifications submitted shall be marked with such assumed designation as the architect may select, provided there shall be filed with the Mayor a sealed envelope giving the real name of the competitor, which will not be opened until the selection shall have been made.

THEO. W. MYERS, Comptroller,
WALTON STORM, Chairman Finance Committee, Board of Aldermen.
} Committee Commissioners of the Sinking Fund.

703

PROPOSALS.

CHAPEL AND BARN.
[At Xenia, O.]

OFFICE OF THE SUPERINTENDENT, OHIO SOLDIERS' AND SAILORS' ORPHANS' HOME, XENIA, O., April 29, 1889.

Sealed proposals will be received at the office of the Superintendent of the Ohio Soldiers' and Sailors' Orphans' Home, near Xenia, O., **up to 12 o'clock (noon) of the 28th day of May, 1889,** for performing the labor and furnishing the materials necessary for enlarging the chapel at said Home, in accordance with plans and specifications on file in this office, to be open for public inspection from and after May 4, to May 28, 1889, inclusive.

Separate and distinct proposals to be made for each separate and distinct kind of labor necessary in doing the work.

Also, at the same time and place, sealed proposals will be received for performing the labor and furnishing the materials necessary to the erection of a barn according to plans and specifications on file in this office and open for public inspection from and after May 4, to May 28, inclusive, except that said Ohio Soldiers' and Sailors' Orphans' Home has 106,000 (one hundred and six thousand) bricks; forty (40) perch of stone for foundation, and the following bill of lumber:

3,663 ft. Norway.	10 8x8-10.
5,600 ft. white pine.	1 8x8-14.
228 2x8-26.	58 2x6-20.
33 2x12-20.	4 4x6-16.
33 2x12-16.	33 2x4-16.
69 2x12-12.	16 2x8-16.
4 3x4-28.	

Which are to be used in the construction of said barn by the contractor or contractors.

The contractor or contractors to furnish all the labor and all *other* materials except the above *specified* materials, necessary to the erection of said barn.

Separate and distinct bids to be made for each separate and distinct trade and kind of labor necessary in doing the work.

Bids must be accompanied by a bond of the proposer with sufficient sureties conditioned that if the proposal be accepted the party proposing will enter into a proper contract, and faithfully perform his or their contract or contracts in accordance with said proposal and the plan or plans, specifications and descriptions which are a part of such contract or contracts.

All bids must be addressed to the undersigned and indorsed "Proposals for Enlarging Chapel and Building Barn."

NOAH THOMAS, Superintendent.

STATE-HOUSE.
[At Topeka, Kan.]

Proposals will be received **up to 12 o'clock M., on May 20, 1889,** for the following work on the new State-House at Topeka, Kan:

The roofing of the main building and dome.

The hollow tile and brick floor, arches and ceiling arches, etc., and all remaining iron-work, brass-work, etc.

Plans can be seen at the office of the State-House Commissioners at the Capitol Building in Topeka, Kan.

Printed specifications can be had on application to the above office.

Any or all proposals may be rejected.

By order of the Board of State-House Commissioners.

698

PROPOSALS.

SCHOOL-HOUSE.
[At Bevis, O.]

Sealed proposals will be received at the office of the Clerk of the Board of Education of Colerain Township, Hamilton County, Ohio, at Bevis, Ohio, **until 12 o'clock at noon on the 18th day of May, 1889,** for building a school-house on the lot situated in District No. 5, according to the plans and specification on file at Bevis Post-office with Geo. A. Wyckoff.

Each bid must contain the name of every person interested in the same, and be accompanied by a sufficient guaranty of some disinterested person that, if the bid is accepted, a contract will be entered into and the performance of it properly secured.

The Board reserves the right to reject any and all bids.

By order of the Board of Education.

JOHN R. BEVIS, Clerk of Board of Education.

698

RESERVOIR.
[At Buffalo, N. Y.]

OFFICE OF THE WATER COMMISSIONERS, No. 1 CITY AND COUNTY HALL, BUFFALO, N. Y., April 1, 1889.

Sealed proposals will be received at this office **until 3 P. M. Tuesday, May 21, 1889,** for the construction of a receiving and distributing reservoir for the Buffalo City Water-works on the property bounded by Best, Dodge, Jefferson and Masten Streets (area about twenty-two acres); capacity of reservoir about 125,000,000 gallons.

Proposals must be made upon the printed forms that have been provided.

Plans and specifications can be seen and examined at this office, giving full description of the work and materials required.

Specifications will be mailed to parties applying for the same.

The Commissioners reserve the right to accept or reject any or all bids, or to accept any part of a bid, as in their judgment the interest of the city may require.

L. P. REICHERT,
JAMES RYAN,
S. K. WORTHINGTON,
Water Commissioners.

699

PENITENTIARY.
[At Mansfield, O.]

OFFICE OF THE BOARD OF MANAGERS, INTERMEDIATE PENITENTIARY, MANSFIELD, O., April 23, 1889.

Sealed proposals will be received at this office **until 12 o'clock M. on the 16th day of May, 1889,** for completing the mason-work of the front buildings, including gables, towers, dormers, etc., above the top line of cornice; also, the iron-work of the third story ceiling, and all the iron-work of the roofs and towers of the front buildings.

Bids will be received separately for the labor and materials for the following classes of work, viz.: Limestone-facing, cut-stone, brickwork, wrought-iron beams and chanels, rods, ties, anchors, expansion bolts, cast-iron resting-plates, etc.

All to be done in accordance with drawings and specifications.

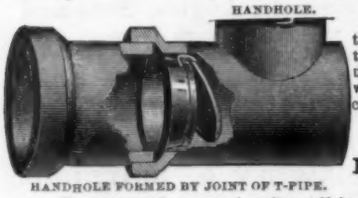
Sanitary Appliances

Protect yourselves against Sewer Gas and Back Water by using

The Palmer Pat. Sanitary Sewer-Trap or Safety-Valve.

Manufactured by THE ERIE CITY FOUNDRY, ERIE, PA.

Infinitely superior to any "Water Trap" ever made. Sizes for 3, 4, 6, 8, and 9 in. pipe



This cut represents our House-Connection Valve set in the hub end of a piece of clay pipe. By trimming off the flange of the valve, a very easy matter, it can be used in iron pipe as well. It is made of indestructable white composition metal which can not rust. Valve cannot fail to act.

Descriptive Circular sent on application.

For Sale by all Dealers in Plumbers' Supplies.

We also manufacture an Iron Street Valve in two sizes, viz: 10 in. by 15 in., and 18in. by 18 in.

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THE COLUMBUS WROUGHT STEEL KITCHEN AND PANTRY
Displaces all others wherever introduced — SINKS — Painted, Galvanized, Enameled
Send for Descriptive Circular and Prices to
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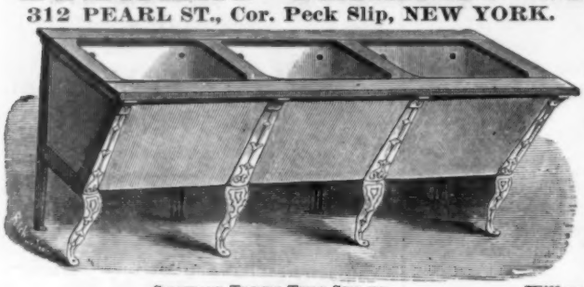
STEWART CERAMIC COMPANY,

312 PEARL ST., Cor. Peck Slip, NEW YORK.



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THE CELEBRATED SOLID WHITE CROCKERY STATIONARY WASH-TUBS.

The only Perfect Sanitary Tubs now in Existence.

VERY STRONG.

No seams to open. Absolute cleanliness secured for all time.

WELL GLAZED.

Will not absorb, leak or decay.

The only Solid White Crockery Wash-tub ever made in the world. the genuine "Morahan's Patent," stamped on the front of every tub. n every set. Will outlast any house.

Do not buy imitations until you see Wash-board and Soap-cup moulded

Solid White Crockery Sinks, Comprising Butler's Pantry, Kitchen, Slop, etc.,

Made of same material as the tubs. Very strong, well glazed, no labor required to keep clean.

LIBERAL TERMS TO THE TRADE. SEND FOR PRICE-LIST AND CATALOGUE.

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PURE NICKEL
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For Bath Tubs, Oval Pantry Sinks, Square Pantry Sinks, etc.

Handsome as silver and exceedingly durable, will retain its lustre forever. *Send for Circular.*

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Health Department, Plans and Specifications of Plumbing and Drainage prepared for **Architects, Contractors** and **Owners,** and approval of Health Department secured on same. All work executed in name of Client.

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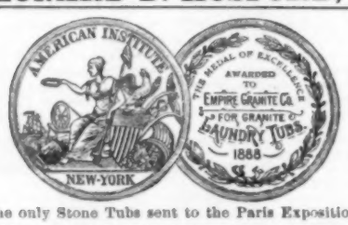

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Never Warp and Never Leak.

Made in One Solid Piece. Cheaper than Wood. More Durable than Iron.

Send for Illustrated Circular and Price List. Special Terms to Architects and Builders specifying our Goods.

We have the largest capacity for the manufacture of these w ares. No stone tubs are of such hard quality or made so perfectly.

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Public and Private buildings examined and put in thorough condition. Plans, specifications and estimates furnished for city and country work on ap,li cation.

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Plumbers, Sanitary Plumbing, Drainage and Ventilation.

14 Bratttle Sq., Quincy House Block, Boston.

James Tucker. Telephone No. 1223. Frank A. Titus.

PROPOSALS.

Additional information can be obtained at this office, or at the office of Levi T. Scofield, architect, 22 Case Building, Cleveland, O., where drawings and specifications can be seen.

The Board reserves the right to reject any or all bids.

WM. MONAGHAN,
W. J. ELLIOTT, } Managers.
B. F. CRAWFORD,

699

SCHOOL-HOUSE.

[At Wyoming, O.]

Wyoming, O., April 17, 1889.

Sealed proposals will be received by G. A. Carnahan, Clerk of the Wyoming School at the office of Samuel Hannaford, architect, in Bradford Block, n w cor. of Sixth and Vine Streets, Cincinnati, O., **until 12 o'clock of the 17th day of May, 1889,** for enlarging and improving the Wyoming Schoolhouse, according to plans and specifications to be seen at the above named office, on and after April 17, 1889.

Each bid must contain the name of each person interested in the same, and be accompanied by a sufficient guaranty of some disinterested person that, should the bid be accepted, a contract will be entered into and the performance thereof properly secured.

Also, at the same time and place, bids will be received for heating and ventilating said schoolhouse according to plans and specifications to be seen at the office of said architect, Samuel Hannaford.

None but the lowest responsible bids will be received, and the Board may reject all bids.

By order of the Board.

G. A. CARNAHAN, Clerk.
698 DR. J. I. TAYLOR, President.

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Anti-Siphon Trap Vent

Safest and Most Economical

Device for Venting Sewer-Gas Traps.

Can be attached to any Trap at Less than Half the Cost of back-air pipes.

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SEWER-GAS TRAP.

A positive valve-seal and a sound water-seal! The most effective trap that is offered to the public! A combined valve and water seal! With or without the valve it is the surest water seal! Sure in action! Simple in construction! Cheap! Durable!

The most perfect barrier against Sewer Gas.

Illustrative and descriptive 48-page pamphlet sent free on application.

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PERFECTION ATTAINED AT LAST.

USE ONLY POWELL'S NEW IMPROVED METAL CORED RUBBER STOPPERS.

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SUPERIOR TO ANYTHING IN THE MARKET.

CHEAP AS THE ALL BRASS.

PRICES REDUCED FULLY 50 PERCENT.

WRITE FOR NEW LISTS AND DISCOUNTS.

FOR SALE BY ALL DEALERS.

NO BRASS STUD TO BE PULLED OUT OF THE RUBBER.
WONT INJURE THE MOST FRAGILE EARTHEN BASIN
CANT BE FLOATED OUT OF ITS SOCKET.

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THE WM. POWELL CO. CINCINNATI, O.

THE

MANSFIELD COMPRESSED LEAD TRAP.

SAFEST IN ACTION.
CHEAPEST IN ECONOMY.
Requires no Ventilation.

This style of trap is endorsed by *Architects* and *Physicians* generally, as the safest in the market to prevent *Sewer Gas* from entering the house. It also has no mechanical devices to get out of order, which is a very important point.

Manufactured only by the

BOSTON and LOCKPORT BLOCK CO.,

162 Commercial St., Boston, Mass.

For sale by the Plumbers' Trade generally. Where not found, a sample trap will be sent. Express prepaid. Price, $2.00.

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J. L. MOTT IRON WORKS

86, 88 and 90 Beekman Street, N. Y.

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Pedestal Bidet,

With Fittings for Hot and Cold Supply and Waste, Open Seat and Cover, and Marble Floor Slab.

No well appointed Bath-Room is complete without a Bidet that it has heretofore been generally omitted, was due to the difficulty and expense of fitting up the ordinary Bidet Pan in cabinet work to make it a sightly, cleanly and handsome fixture. Mott's Pedestal Bidet is one piece of Porcelain, tinted a delicate Ivory, with the fittings of polished or nickel-plated Brass. It is eminently practical and in accord with the requirements of first class modern plumbing.

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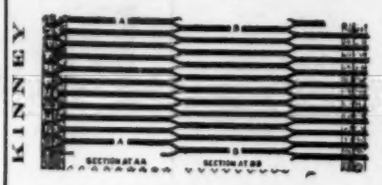

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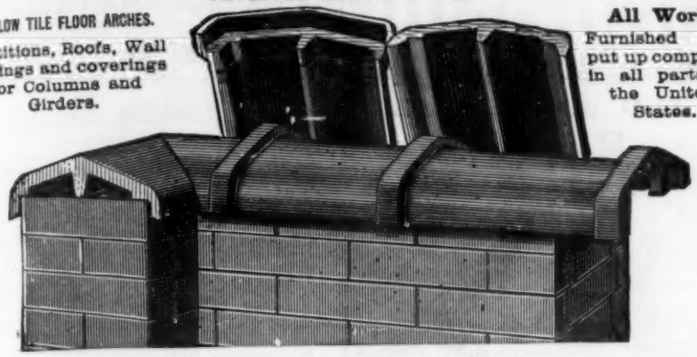

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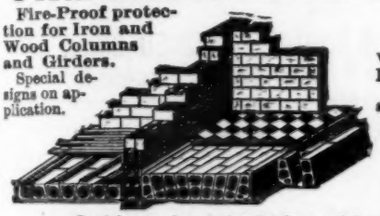

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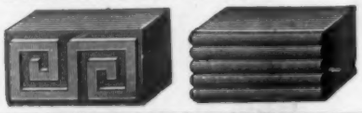

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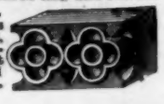

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Fig. A.

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Fig. B.

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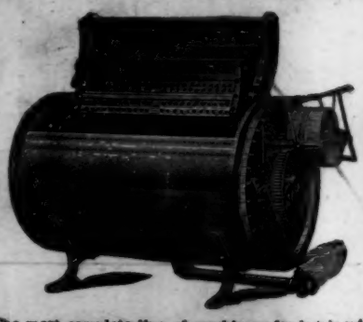

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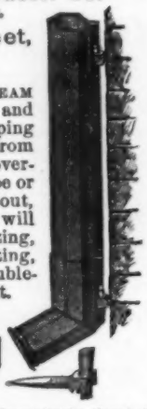

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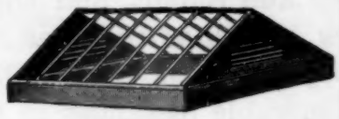

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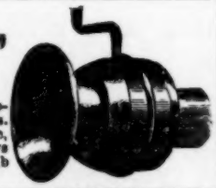

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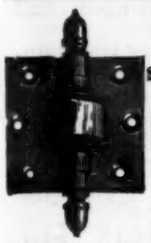

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For Wire Screens or Light Doors they have no equal.
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Most Practical, Economical and Cheapest Elevator yet devised.
Constructed without the use of Cables, Ropes, Pulleys, Counter balances, or Safety catches.
NOT POSSIBLE TO FALL.
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[*NOTE.*—To the best of our belief the experts named in this list are in position to give unbiassed advice.]

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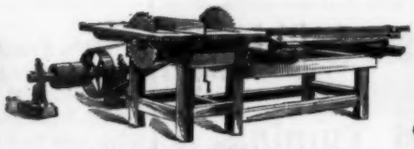
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FOR PLANING-MILLS, SASH, DOOR and BLIND FACTORIES, CABINET and CARRIAGE MAKERS.
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Boards: (*Ordinary dimensions.*)				
Pine, 1st quality, clear	65 00 @ 75 00	50 00 @ 60 00	47 00 @ 48 00	55 00 @ 60 00
" 2d quality	55 00 @ 60 00	42 00 @ 50 00	43 00 @ 45 00	40 00 @ 50 50
" 3d quality	18 00 @ 22 00	35 00 @ 40 00	39 00 @ 41 00	15 00 @ 30 00
Spruce	@ 25 00	12 00 @ 25 00	*Not sold.*	20 00 @ 22 00
Hemlock	ea 13½ @ 14	13 00 @ 15 00	@ 11 00	12 00 @ 15 00
Yellow pine	20 @ 40	25 00 @ 35 00	@ 28 00	@ 23 00
Cypress	@	32 00 @ 40 00	@	40 00 @ 45 00
Clapboards:				
Pine	@	33 00 @ 55 00	10 00 @ 2 00	20 00 @ 35 00
Spruce	@	15 00 @ 35 00	*Not sold.*	*Not Sold.*
Framing Timber:				
Pine			14 00 @ 15 30	25 00 @ 30 00
Spruce	14 00 @ 18 00	15 00 @ 18 00	*Not sold.*	16 00 @ 20 00
Hemlock	12 00 @ 16 00	12 50 @ 15 00	*Not Sold.*	11 00 @ 14 00
Yellow pine	18 00 @ 21 00	24 00 @ 35 00		20 00 @ 25 00
Laths:				
Pine	@	2 25 @ 2 35	@ 2 20	@ 2 50
Spruce	2 25 @ 2 35	2 25 @ 2 50	*Not sold.*	@ 2 25
Shingles:				
Pine, shaved P M	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed "	4 00 @ 5 00	@ 4 50	2 35 @ 2 60	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 60	*Not sold.*	
Redwood P 125	1 40 @ 1 60	3 75 @ 4 00	6 50 @ 8 00	(30" $35 @ 40
Cedar, split P M	@	@	*Not sold.*	(24" 8 @ 21
Cedar, sawed "	@	2 00 @ 4 00	2 20 @ 2 45	(20" 35 @ 14
Cypress. Split....7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 75 @ 4 25	11 00 @ 14 00
Miscellaneous:				
Piles P ft.	4½ @ 5½	Piles 6c. P ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	40 @ 1 25
Chestnut "	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: P M. (*First Qual.*)				
Ash [*Kiln-dried.*]	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	45 00
Cherry	80 00 @ 120 00	65 00 @ 120 00	80 00 @ 110 00	75 00 @ 80 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 5500	70 00 @ 80 00
Hard-pine floors (rift)		48 00 @ 50 00		
Mahogany, Baywood [Mexican]	@ 180 00	150 00 @ 160 00	150 00 @ 180 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	220 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	25 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	35 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 80 00	45 00 @ 60 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 45 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	30 00 @ 75 00	45 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood P lb	@ 6	30 00 @ 32 00	@ 7	
Spruce floors (clear, kiln-dried)		125 00 @ 150 00	80 00 @ 110 00	50 00 @ 170 00
Walnut, black	125 00 @ 150 00	40 00 @ 45 00	30 00 @ 35 00	25 00 @ 40 00
Whitewood	45 00 @ 50 00	40 00 @ 42 00	30 00 @ 35 50	27 50 @ 45 00
Yellow pine P M	@ 45 00			

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STABLE FITTINGS.
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Wood Turning.
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Newels, solid or built up. Stair Rails of all dimensions worked ready to put up.
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STANLEY CORRUGAT'D
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HENRY R. WORTHINGTON.

Welded Chrome Steel and Iron. (5 ply).

FOR SAFES, VAULTS, JAILS, ETC.
Positively Burglar-proof, cannot be Cut, Sawed, or Drilled,
Chrome Steel Works, Sole Manufacturers,
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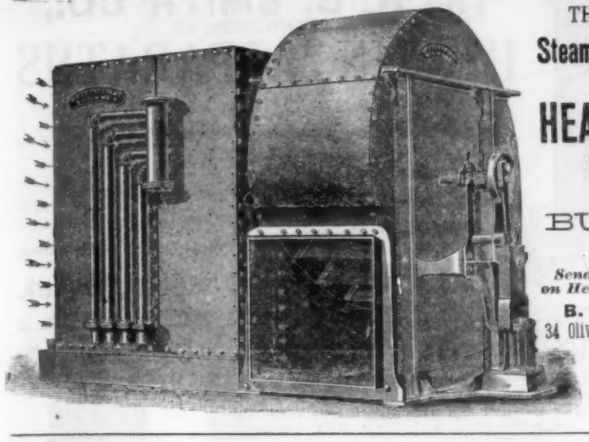
BUILDING MATERIALS.

Reported for the American Architect and Building News.

BRICK.—₱ M.	New York. (Wholesale Prices.)	Boston. (Prices to Builders and Contractors.)	Chicago.	Philadelphia.
Common: *Cargo afloat.*				
Pale	3 25 @ 3 75	Eastern 8 50 @ 9 00	Building Brick 6 50 @ 7 00	Sq. Hard @ 12 00
Jersey	6 00 @ 7 00	Bay State Hard 9 00		" @ 9 00
Long Island	@	Domestic Com. 9 50 @ 10 00	Indiana Pressed 16 00 @ 22 00	Salmon 00
Up River	6 50 @ 7 00	Domestic Face 20 00 @ 22 00	St. Louis Fronts @ 27 00	Sq. " @ 9 00
Haverstraw Bay 2nd	6 75 @ 7 00	Philadelphia 40 00 @ 45 00		Light Stretchers @ 12 00
" 1st	7 25 @ 7 50	Phila. mould 50 00 @ 80 00		Medium " @ 14 00
Hollow	@ 13 00			Red " @ 15 00
Fronts				Dark " @ 15 00
Croton, Brown	14 00 @ 15 00		18 00 @ 27 00	Pressed @ 15 00
" dark	15 00 @ 16 00		65 00 @ 350 00	Best Paving 22 00 @ 25 00
" red	15 00 @ 16 00		@ 55 00	Second " @ 16 00
Chicago pressed (Anderson)			45 00 @ 50 00	Third " @ 14 00
Chicago Moulded			45 00	@ 13 00
Baltimore	37 00 @ 41 00		25 00 @	
Philadelphia	27 00 @ 28 00	Anderson 14 00 @ 32 00	60 00 @ 100 00	Dom. @ 65
Trenton	@ 27 00		30 @	@ 85
Milwaukee			35 @	
Moulded:			55 00 @ 65 00	
Red	25 00 @ 27 00			
	30 00 @ 35 00		@ 100 00	
White Glens Falls Mold	45 00 @ 60 00		@ 120 00	
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @ 100 00			
Enamelled (edge and end)	90 00 @ 115 00			
CEMENT, LIME, etc.—(₱ cask.)				
Rosendale Cement	1 00 @ 1 10	@ 1 40	*Not Sold.*	1 30 @ 1 50
Louisville "			1 05 @ 1 30	B & S.E. 275 @ 300
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	*Not sold.*	1 60 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	@ 3 00	2 75 @ 3 25	2 85 @ 3 15
" (K. B. & S.)	2 50 @ 3 00	@ 2 85	3 00 @ 3 25	2 75 @ 3 00
" Black Cross	2 25 @ 2 50	@ 2 85	3 00 @ 3 25	2 85 @ 3 15
" (Burham)	2 50 @ 2 80	@ 2 85	2 90 @ 3 15	2 50 @ 2 75
" (White's)	2 65 @ 3 00	@ 2 85	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	3 00 @ 3 25	2 50 @ 2 75
" " (Fower)	2 25 @ 2 40	3 15 @ 3 35	2 80 @ 3 15	2 50 @ 2 75
" " (Vorwohler)	2 50 @ 2 90		2 80 @ 3 15	Josson
" " (Lagerdofer)	@	*Not sold.*	2 75 @ 3 00	2 50 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	2 85 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not Sold.*	2 15 @ 3 00
" " Stettin, (Anchor)	2 35 @ 2 85		*Not Sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 50 @ 2 75
Roman	2 75 @ 3 00	@ 3 20	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	7 00 @ 7 50	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	11 00 @ 12 00	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime
Hydraulic Lime	@ 1 45	@ 1 35	55 @	25 @ 30 ₱ bush
Chicago Lime in bulk		St. John 1 00	60 @	White Mass
Wisconsin "			*Not sold.*	1 25 @ 150
Rockland and Rockport, (Com.)	@ 1 00	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 1 20	@ 1 10	1 00 bulk, 75c.	
Kelley Island Lime, finish	@ 1 20	@ 1 20	*Not sold.*	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing "	@ 1 10	*Not sold.*	1 95 @ 1 90	*Not sold*
Plaster of Paris (calcined.)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 25 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	20 @ 25	1 75 @ 2 50
Hair (Cattle) ₱ bush	18 @ 21	25 @ 30	30 @ 55	22 @ 30
" (Goat)	25 @ 28	@ 30	@ 60	30 @ 35
Sand, ₱ load	1 00 @ 1 25	1 75 @ 1 90		@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		55 @ 65
Limestone:	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Bedford	@ 1 00		35 @ 55	Richmond
Joliet	@		35 @ 60	75 @ 1 50
Lemont	@		@ 1 00	4 50 ₱ Perch
Serpentine				



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FOR
HEATING and VENTILATING
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of all Kinds.

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NO WASTE. NO CLEANING OFF. NO SETTLING.

NOTE.—Our Liquid Filler does not settle; is as transparent as a varnish; it readily combines with any of the pigment stains; is especially adapted to the use of the House Painter.

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	New York. (Wholesale Prices.)	Boston. (Prices to Builders and Contractors.)	Chicago.	Philadelphia.
Foundation:				
Dimension	@	5 00 ℙ ton	20 @	@ 5 00
Block	@	4 60 ℙ perch		Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (ℙ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed	50 @ 6 00	75	50 @ 1 00	37 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		95 @ 1 16
Kibbe	@ 90	90 @ 1 10		
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℙ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	55 @ 1 00
Berea } Ohio	75 @ 1 00	80 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 4
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 00 @ 1 1
Caen	@	@ 2 00	"	1 25 @ 1 5
Carlisle, English	@ 1 05	80 @ 90		95 @ 1 1
Corse Hill (Scotch)	1 05			
Marble (ℙ *cu. ft.*)				
Lee, Mass.	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and Blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined	@	50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna	@	3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red	@	1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville	@	85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@		*Not sold.*	2 00 @ 3 00
Vermont, white	@	1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate; Roofing (ℙ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 8 85	3 25 @ 4 00
" " Chapmans	— —	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am. ℙ M.	@		*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil,* ℙ *lb.*)				
White lead, Am.	7 @ 7½	7 @ 7½	6½ @ 7	@ 7
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am.,	6½ @ 7	7 @ 7½	6½ @ 7½	@ 7
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. @ 65
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 15
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	@ 12
Green, Paris,	25 @ 40	35 @ 40	18 @ 35	" @ 18
Black, lamp,	15 @ 25	15 @ 25	8 @ 30	@ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw) (ℙ gal.)	56 @ 58	59 @ 60	56 @ 57	@ 58
" " boiled (ℙ gal.)	59 @ 61	62 @ 63	59 @ 60	@ 60
Turpentine (ℙ gal.)	41 @ 42	40 @ 43	47 @ 52	@ 54
Varnish, coach (ℙ gal.)	@	1 50 @ 6 00	1 25 @ 2 00	@ 275
Shellac	@	2 50 @ 3 00	2 25 @ 4 00	@ 3 25
Putty	2 @	2 @ 4	02 @ 02½	@ 2
Whiting } dry	75 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.,) } dry	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Litharge, Am. } dry	5½ @ 6	5½ @ 6½	6½ @ 7½	@ 7
Sienna (burnt) } dry	16 @ 20	14 @ 20	4 @ 16	@ 14
Umber, " } dry	14 @ 20	14 @ 20	2 @ 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) **Spikes,** (*wrought.*)	@ 2 85		2 05 @	pr kg @ 2 10
10d. common	@ 2 60	@ 2 15	@ 2 15	@ 2 10
Shingle	@ 3 35	@ 2 65	@ 2 65	@ 2 40
Lath	@ 4 85	@ 3 65	@ 3 55	3 00 @ 3 50
Finishing nails according to size.)			Add .85 to $1.15	per ℔ 11 @ 14
(*For casing nails add 75c. per keg.*)			" .50 to .90	Add pr cask
Butts: 4" x 4" (ℙ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 44
Japanned	@ 1 50	@ 1 75	*Not sold.*	@ 1 57
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	175 @ 2 00
Ball Tip, Boston Finish. (ℙ pair.)	@ 65	@ 50	*Not sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony				@ 35
Apple wood				37 @ 1 00
Knobs: (ℙ *Set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hematite	*Not sold*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	80 @ 4 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 %	22 @ 35
Sheet Lead		@ 6¼		12 @ 13½
Lead Pipe		@ 5½		6 @ 6½
Iron:				
I-Beams, up to and including 30 ft.	3 8-10 @ 3½	2 8-10	@	@ 2 8-10
I-Beams, over 30 ft. ½, ¾, ½ c. advance.	@		@	@ 2 8-10
Channel-Beams	3 8-10 @ 3½	2 8-10 3½	@	@ 2 8-10

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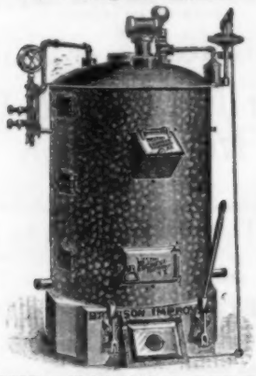

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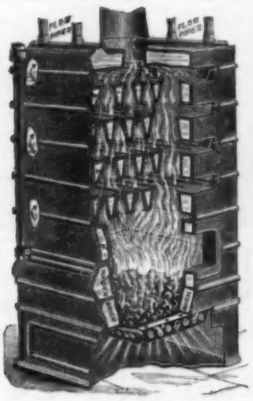

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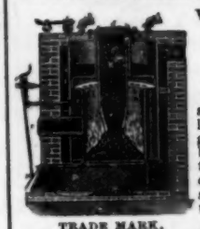

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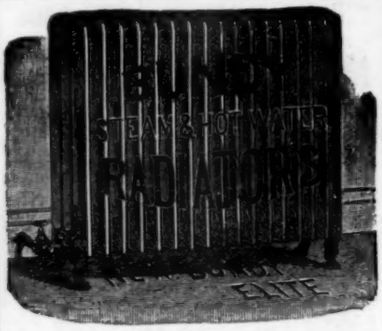

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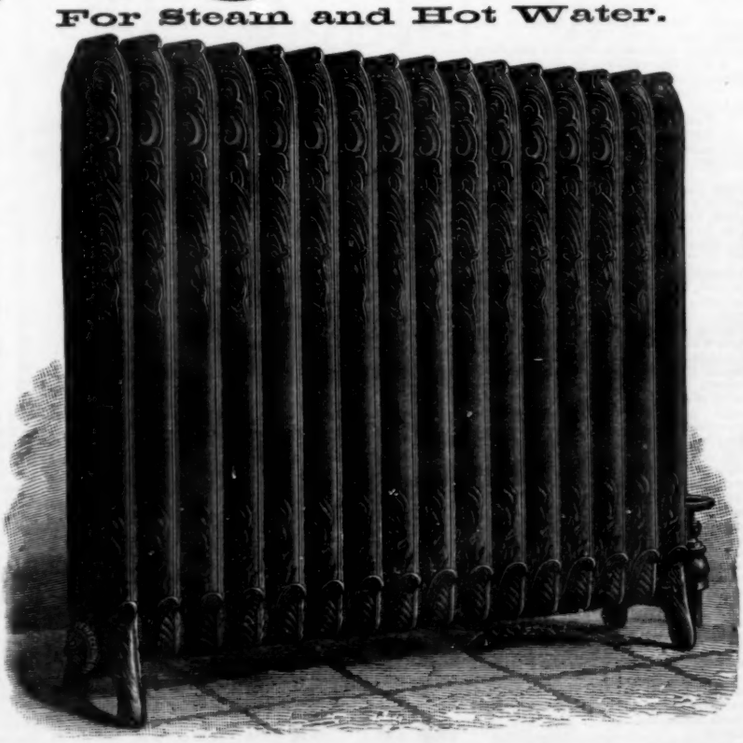

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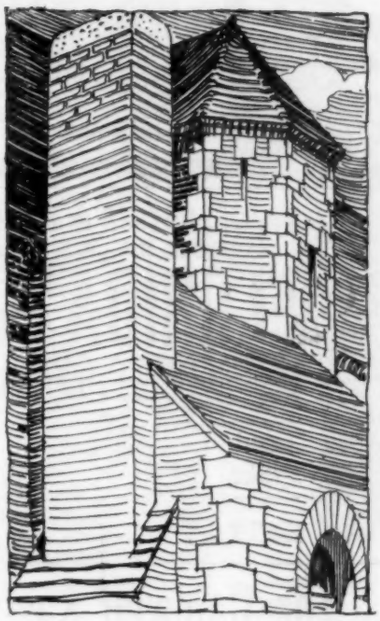

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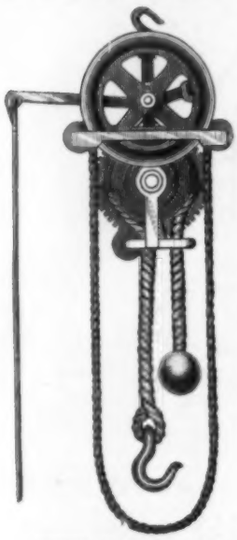

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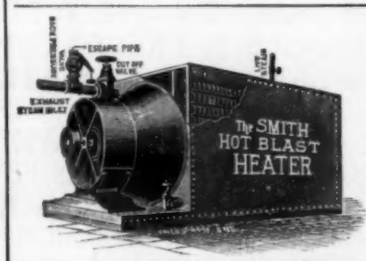

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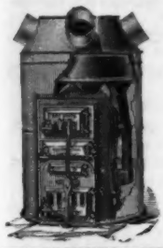

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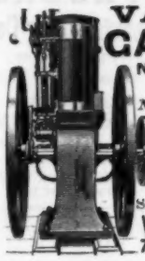

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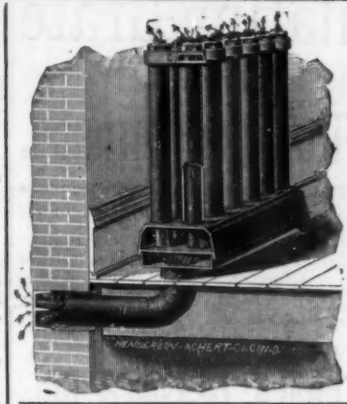

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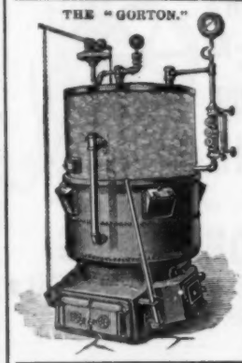

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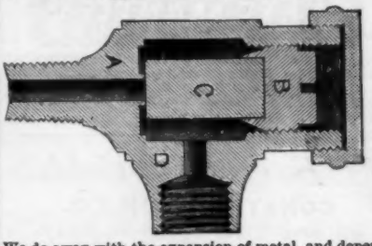

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New Advertisements.

PROVIDENTIAL TILE WORKS (Trenton, N. J.), Tiles. Page i.
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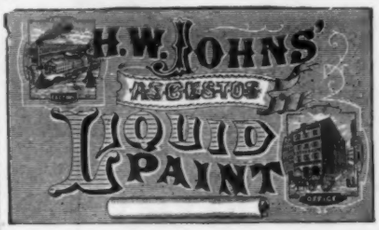

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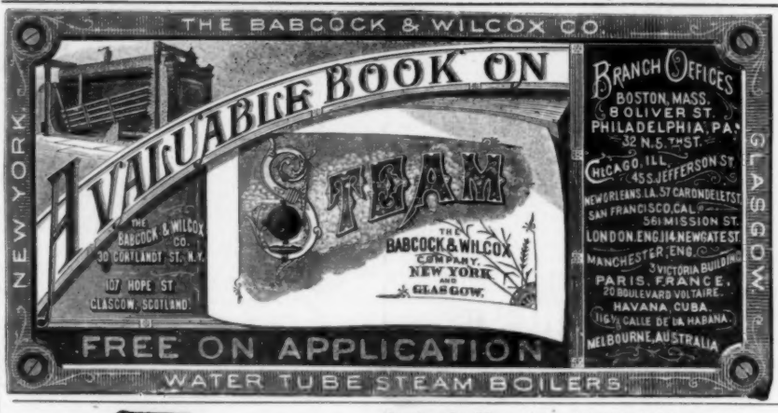

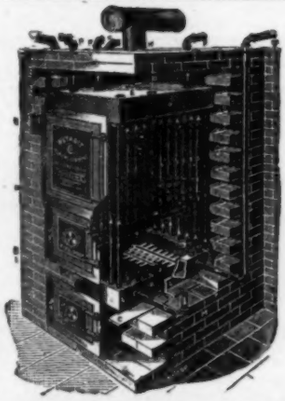

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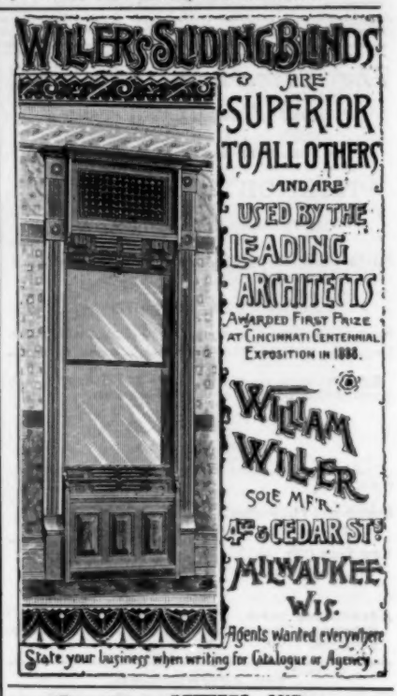

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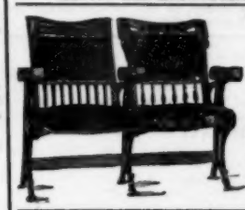

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Boston, Mass.—*North St., No.* 374, Ward 6, general repairs to brick dwell. and store; owner, W. F. Davis.

Parkman St., No. 18, Ward 8, remodel brick dwell.; owner, T. Hallahan; builders, Ellsworth, Bowe & Bray.

Hanover St., No. 270, cor. Parmenter St., Ward 6, repair dwell. and store; owner, L. W. Parmenter estate; builder, B. T. Warren.

Braintree St., near Franklin St., Ward 25, addition to electric station; owners, W. E. St. Railway Co.; builders, Jarvis Engineering Co.

North St., No. 171, *Richmond St., No.* 123, *and North Brimmer Pl.*, Ward 6, additions to brick dwell.; owner, Kilby Paige; builder, John Kelley.

Chicago, Ill.—D. F. Crilly, two-st'y addition, Monroe and Dearborn Sts.; cost, $50,000; architects, Flanders & Zimmerman.

Detroit, Mich.—Gaylord Iron Co., alterations to furnace, Iron St.; cost, $7,000.

East Saugus, Mass.—*Main St.*, remodelling frame dwell. for Charles B. Oliver; cost, $4,500; architect, Eugene L. Clark, Boston; builder, J. Wesley Paul.

Lexington, Mass.—*Hancock St.*, alterations to frame dwell. recently built by F. F. Raymond, from plans of J. Merrill Brown, architect, Boston; owner, Geo. O. Whiting; alterations by same architect; cost, abt. $4,000; contract to be let.

BUILDING INTELLIGENCE.

Philadelphia, Pa.—Cramp & Sons ship-yard, one st'y addition to machine-shop.

Master St., No. 1707, brownstone front and French roof to dwell.; builder, James H. Young, 1902 South College Ave.

Troy, N. Y.—Alterations to dwell. and interior decorations for Charles E. Brown; builders: Nichols & McGill, masons; Lemmon & Robinson, carpenters; Irving & Casson, Boston, cabinet-work; architect, E. A. P. Newcomb, Boston.

Second St., cor. Congress St., alterations of club-building to dwell., with marble trimmings; owner, S. Alexander Orr; builders: Button & Buckley, masons; Lemmon & Robinson, carpenters; architect, H. Langford Warren, Boston.

APARTMENT-HOUSES.

Allston, Mass.—*Pearl St.*, brick apartment, 46′ x 58′; cost, abt. $14,000; owner, John Evans; contract to be let; architect, Eugene L. Clark, Boston.

Boston, Mass.—*Irvington St.*, cor. St. Botolph St., 4 four-st'y brick apartments, 23′ x 60′ and 22′ x 50′; owner, S. R. Baker; builder, J. Murphy.

Huntington Ave., No. 649, Ward 22, four-st'y brick apartments, flat roof, 45′ x 60′; owners and builders, Holmes & Mead.

Chicago, Ill.—Mrs. M. J. Frawley, 2 two-st'y flats, Campbell Ave.; cost, $11,000; architect, C. A. Weary.

BUILDING INTELLIGENCE.

C. Hoffmann, two-st'y flats, North Halsted St.; cost, $3,600; architects, Reigert & Knorr.

V. Hezdanek, two-st'y flats, West Eighteenth St.; cost, $3,200; architect, J. Krivanek.

M. Blaha, two-st'y flats, Maxwell St.; cost, $3,000.

Geo. Lehman, 2 three-st'y flats, Thirty-second St.; cost, $20,000; architects, Wilson, Marble & Lawson.

C. B. Wagner, owner and architect, two-st'y flats, Jane St.; cost, $3,000.

J. F. Jerner, two-st'y flats, Portland Ave; cost, $3,000; architect, F. Linstrom.

A. H. Watson, four-st'y flats, West Erie St.; cost, $15,000; architects, Lutken & Thisslen.

B. A. Hansen, three-st'y flats, Ashland Ave.; cost, $5,000; architects, same as last.

A. Strom, three-st'y flats, West Huron St.; cost, $5,500; architects, same as last.

J. Ryan, two-st'y flats, Gurley St.; cost, $4,000; architects, Jas. Gubben & Son.

J. C. Franke, 2 three-st'y flats, West Thirteenth St.; cost, $8,000; architect, H. Hildegan.

A. S. Asgeberg, three-st'y flats, West Huron St.; cost, $5,000; architect, F. A. Johnson.

S. Abrahamson, two-st'y flats, Gault Pl.; cost, $2,500; architect, C. E. Lohman.

Mrs. M. Kotrba, four-st'y flats, Laflin St.; cost, $8,000; architect, F. C. Layer.

F. Winderfield, three-st'y flats, Cornell St.; cost, $5,000; architect, O. Grandy.

A. Rehm, 2 two-st'y flats, Main St.; cost, $7,000; architects, C. H. Geyer & Co.

G. Kurz, three-st'y flats, Taylor St.; cost, $4,500; architect, A. Bessler.

J. Klosowski, two-st'y flats, Will St.; cost, $4,000; architect, A. H. Bessa.

J. McGuire, 3 three-st'y flats, North Market St.; $13,000; architect, A. Boos.

C. Kaiser, three-st'y flats, Archer Ave.; cost, $18,000; architect, L. H. Heintz.

George Love, 2 three-st'y flats, Wabash Ave.; cost, $16,000; architect, R. J. Pentecost.

M. Nerokla, four-st'y flats, West Seventeenth St.; cost, $5,000; architect, A. Charvat.

T. Krolik, owner and architect, two-st'y flats, Cleaver St.; cost, $3,000.

J. W. Fiedler, two-st'y flats, Dashiel St.; cost, $4,500; architect, G. Voigt.

C. Schubert, three-st'y flats, Sedgwick St.; cost, $5,000; architect, H. P. Beidler.

H. K. Elmstrom, 2 three-st'y flats, West Huron St.; cost, $6,500; architect, S. Linderoth.

G. Schert, 2 three-st'y flats, Cleveland St.; cost, $10,000; architect, C. F. Herman.

W. Kaich, four-st'y flats, West Lake St.; cost, $9,000; architect, T. Lewandowski.

J. Paswick, three-st'y flats, West Nineteenth St.; cost, $3,500; architect, J. Krivanek.

D. H. Friddelki, 3 four-st'y flats, Wentworth Ave.; cost, $30,000; architect, T. Ahlschlager.

C. Hansen, two-st'y flats, West Huron St.; cost, $3,000; architect, S. J. Back.

A. Przbiski, two-st'y flats, Thirty-second St.; cost, $4,000; architect, J. A. Wrzbniac.

M. Davidson, four-st'y flats, Dearborn St.; cost, $10,000; architect, E. Steude.

H. Hanson, three-st'y flats, West Division St.; cost, $8,000; architect, W. Ohlhaber.

A. Kutzlowski, three-st'y flats, Front St.; cost, $4,000; architect, T. Lewandowski.

J. J. Keenan, two-st'y flats, Nebraska St.; cost, $2,500.

J. Jensen, owner and architect, two-st'y flats, North Oakley St.; cost, $3,500; two-st'y flats, North Oakley St.; cost, $2,500.

V. Kolacek, three-st'y flats, Loomis St.; cost, $4,000; architect, A. Charvat.

L. J. Blades, three-st'y flats, Warren Ave.; cost, $7,000; architect, J. J. Kauhn.

P. Koob, two-st'y flats, Peoria St.; cost, $4,500; architects, Reil & Grumlich.

E. P. Dirr, three-st'y flats, Monroe St.; cost, $5,000; architect, W. L. Carroll.

C. Granmann, three-st'y flats, West Huron St.; cost, $4,500; architect, J. Zielke.

Lewis & Felter, 2 three-st'y flats, Warren Ave.; cost, $14,000; architect, C. A. Weary.

C. Pehlke, two-st'y flats, Thirteenth St.; cost, $4,000; architect, A. Bessler.

W. S. Verity, 2 two-st'y flats, North Oakley St. cost, $3,500; architect, J. H. Moore.

C. B. Ricket, three-st'y flats, Van Buren St.; cost, $6,000; architect, E. H. Turnich.

J. Keefe, two-st'y flats, Market St.; cost, $4,000; architects, Ostling Bros.

St. Louis, Mo.—Two-st'y and mansard brick flats; cost, $6,300; owner, J. H. Middendorf; architect, A. Beinke; contractors, Schildman & Becker.

Four adjacent three-st'y brick stores and flats; cost, $31,500; owner, Chas. H. Turner; architects, Jungenfeld & Co.; contractors, Bothe & Rattermann.

CHURCHES.

Detroit, Mich.—J. Bergin & Son, St. Cassemere Church, Twenty-third St.; cost, $40,000.

Spier & Rohns, frame church, Twenty-first St.; cost, $7,000.

Nashville Tenn.—The Methodists will build a church at Sixth and Russell Sts.; cost, $25,000.

New York, N. Y.—*One Hundred and Eighteenth St.*, w St. Nicholas Ave., the basement of the Church of St. Thomas Aquinas is to be built at once, the upper portion will not be built till some future time; architect, J. H. Poole.

Ocala, Fla.—The Methodists will build a church; cost, $10,000.

FACTORIES.

Chicago, Ill.—Warren Springer, eight-st'y factory, Canal St.; cost, $125,000; architects, Edbrooke & Burnham.

Cincinnati, O.—L. A. Stroble, two-st'y factory, Canal St.; cost, $5,000; architect, Chas. Diss.

New York, N. Y.—*Henry St.*, s e cor. Birmingham St., seven-st'y brick factory, tin roof; cost, $15,000; owner, Samuel Raphael, 145 East One Hundred and Twenty-first St.; architects, Schneider & Herter, 48 Bible House.

Washington St., No. 374-876, two-st'y brick factory, tin roof; cost, $18,000; owner, Phillip Best, Brewing Co., Milwaukee, Wis.; architect, H. Kreiter, 62 Broad St.

Bowery, No. 25, five-st'y brick workshop, tin roof; cost, $9,000; owner, Harris Lyons *et al.*, 442 West Fifteenth St.; architect, Wm. Graul, 215 Bowery.

St. Louis, Mo.—Seven-st'y brick factory; cost, $40,000; owners, Liggett & Meyers; architect, H. E. Roach.

HOUSES.

Allston, Mass.—*Saunders St.*, frame dwell., 25′ x 30′; cost, abt. $3,000; owner, Henry Baldwin; architect, Eugene L. Clark, Boston.

Cambridge St., cor. Gordon St., double frame dwell., 40′ x 45′; cost, abt. $6,500; owner, John Craig; architect, Eugene L. Clark, Boston; builders, Long & Ruggles.

Ashford St., cor. Chester St., frame dwell., 25′ x 35′; cost, abt. $4,000; owner, Geo. A. Swallow; architect, Eugene L. Clark, Boston; builder, G. H. McLeod.

Frame dwell., 25′ x 35′; cost, abt. $4,000; owner, Dr. F. N. Peloubet; architect, Eugene L. Clark, Boston; builder, G. H. McLeod.

Boston, Mass.—*Temple St.*, near Winslow St., Ward 23, frame dwell., 23′ x 48′; owner and builder, A. F. Kinney.

Selwin St., near Hewlett St., Ward 23, frame dwell., 24′ x 35′; owner and builder, T. D. Condon.

Murdock St., cor. Whitney St., Ward 25, frame dwell., 26′ x 31′; owner, S. W. Trowbridge.

Temple St., near opp. Ivory St., Ward 23, frame dwell., 24′ 6″ x 39′; owner, C. J. Magoun; builder, A. M. Hobbs.

Cabot St., No. 163, Ward 19, three-st'y frame dwell., flat roof, 20′ 9″ x 49′; owner, J. H. Turner; builder, W. J. Jobling.

Waumbeck St., No. 7, Ward 21, frame dwell., 33′ 10″ x 52′ 3″; owner, Mrs. D. B. Whittier; builder, A. S. Drisko.

Mather St., No. 45, Ward 24, frame dwell., 13′ 8″ x 94′ 6″; owner and builder, A. M. Leonard.

Bennington St., Nos. 124-126, Ward 1, 2 three-st'y frame dwells., flat roofs, 20′ 6″ x 45′ 8″; owner, Julius Potters; builder, W. Goodwin.

Rowena St., near Carruth St., Ward 24, three-st'y frame dwell., pitch roof, 14′ x 53′; owner, H. N. Snell; builder, F. Gutrow.

Bowdoin St., near Washington St., Ward 24, three-st'y frame dwell., pitch roof, 29′ 4″ x 45′ 4″; owner, R. Gleason; builders, Sulis & Wallis.

Commercial St., No. 565, Ward 24, three-st'y frame dwell., flat roof, 24′ x 40′; owner, W. O. Ruggles; builder, W. G. Ruggles.

Monmouth St., No. 19, cor. Marion St., Ward 1, three-st'y frame dwell., flat roof, 25′ x 51′ 6″; owner, W. Greenwood.

Paul Gore St., near Chestnut Ave., Ward 23, frame dwell., 23′ x 45′; owner and builder, J. Luipold.

Elmore St., No. 49, Ward 21, frame dwell., 27′ x 55′; owner, Mary R. Nelson; builder, C. H. Blodgett.

Bertram St., near Neponset Ave., Ward 24, frame dwell., 22′ x 27′; owner, W. O. Ruggles; builder, W. G. Ruggles.

Unnamed St., from Tolman St., Ward 24, frame dwell., 23′ x 28′; owner, M. Dyer, Jr.; builder, W. G. Ruggles.

Bolster St., near Mozart St., Ward 23, three-st'y frame dwell., pitch roof, 22′ x 46′ 9″; owner and builder, A. Cassidy.

Richfield St., No. 18, *rear*, Ward 24, one-st'y frame dwell. and library, 30′ x 45′; owner, P. G. Peabody; builder, J. M. Pryor.

Bellevue Terrace, near Quincy St., Ward 24, frame dwell., 30′ x 30′ 8″; owner, W. B. Allbright; builder, J. G. Allbright.

Sycamore St., near Ashland St., Ward 23, four frame dwells., 24′ x 40′; owner, Joseph Bassett; builder, J. C. Dimock.

Langdon St., No. 25, Ward 20, three-st'y frame dwell., 22′ x 50′; owner, G. S. Files; builder, W. Glidden.

Saratoga St., No. 464, Ward 1, three-st'y frame dwell., flat roof, 21′ 6″ x 44′; owner, Geo. Carlon; builder, W. Goodwin.

Walnut St., Nos. 23-27, Ward 4, 3 three-st'y frame dwells., flat roofs, 18′ x 36′; owner, Geo. Brown; builder, M. W. Foye.

Pynchon St., No. 16, cor. Allard Ct., Ward 19, three-st'y frame dwell. and store, flat roof, 25′ x 55′; owner, C. Gaeger.

Folsom St., near Neponset Ave., Ward 23, frame dwell., 16′ x 34′; owner, Sarah Bryant; builder, R. Goodwin.

Eustis St., No. 288, Ward 20, three-st'y frame dwell., 21′ x 48′; owner, J. J. Downey; builder, H. Chisholm.

Schuyler St., No. 39, Ward 21, frame dwell., 37′ x 46′; owners and builders, Wood & Wetherbee.

Salem St., near Corinth St., Ward 23, frame dwell., 25′ x 42′; owner, B. F. Cobleigh, Jr.; builder, W. S. Mitchell.

Tremont St., Nos. 12-18-20, Ward 19, one-st'y frame dwell. and store, flat roof, 24′ x 55′; owner, J. E. Humphrey; builders, Miller & Morris.

Cornwall St., near Marmion St., Ward 23, frame dwell., 24′ x 31′; owner, R. S. Barrows; builder, M. A. Blanchard.

Everett St., near Raymond St., Ward 25, frame dwell., 22′ x 30′; owner, J. A. Finley; builder, E. B. Warren.

Parley Vale St., cor. Rockview St., Ward 23, three-st'y frame dwell., pitch roof, 28′ x 63′; owner, F. G. Boynton; builder, F. W. Churchill.

Oregon St., No. 15, *rear*, Ward 22, 2 three-st'y frame dwells., flat roofs, 24′ x 37′; owner, T. O'Leary; builder, W. McDonald.

Rockview St., cor. Unnamed St., off Parley Vale St., Ward 23, three-st'y frame dwell., 18′ 2″ x 45′ 2″; owner, Elliott L. Caldwell; builder, F. W. Churchill.

Brookline, Mass.—Frame dwell., 40′ x 52′; owner, W. K. Melcher, Jr.; contract to be let; architect, E. A. P. Newcomb, Boston.

Babcock St., frame dwell., 28′ x 38′; cost, abt. $6,500; owner, John McCarthy; architect, Eugene L. Clark, Boston; builder, Mr. Currier.

Brooklyn, N. Y.—*Jacob St.*, n s, 100′ e Broadway, 2 three-st'y brick dwells., tin roofs; cost, each, $6,000; owners, architects and builders, Moores & Le Quesne, 833 Quincy St.

Jacob St., n s, 140′ e Broadway, 12 three-st'y brick dwells., tin roofs; cost, each, $6,000; owners, architects and builders, same as last.

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Are you aware

THAT The old standard weights of Roofing Plates were 112 lbs. per box IC 14 x 20, and 224 lbs. per box IC 20 x 28—112 sheets per box?

Are you aware

THAT Severe competition and a desire for low-priced plates caused those weights to fall to 108 and 216 lbs., respectively?

Are you aware

THAT Most of the so-called extra coated Roofing Plates to-day do not weigh over 110 lbs. per box IC 14 x 20, and 220 lbs. per box IC 20 x 28?

Are you aware

THAT It is nevertheless claimed for many of these brands that they carry 20 lbs. of coating per box of 14 x 20, and 40 lbs. per box of 20 x 28?

Are you aware

THAT The claim by some that certain Brands of Roofing Plates carry 20 lbs. of coating is entirely disproved by the fact that such plates do not weigh over 110 lbs. per box IC 14 x 20, while the standard weight for ordinary Roofing Plates is 108 lbs. for same size and guage?

Are you aware

THAT We **guarantee** the "**GILBERTSON'S OLD METHOD**" **Extra Coated Roofing Plates** to average not less than 120 lbs. net per box IC 14 x 20, and 240 lbs. per box IC 20 x 28?

Are you aware

THAT We **guarantee** the coating to be from 18 to 20 lbs. per box for the 14 x 20, and 36 to 40 lbs. per box for 20 x 28?

Are you aware

THAT The above facts show the impossibility of placing the "**GILBERTSON'S OLD METHOD**" on the same level as other old style plates, either as regards price or quality?

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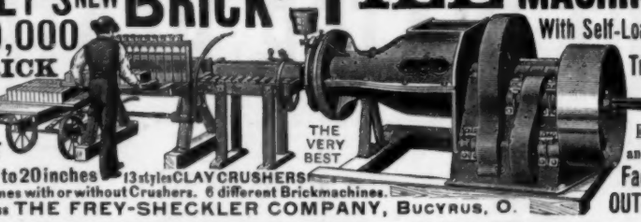

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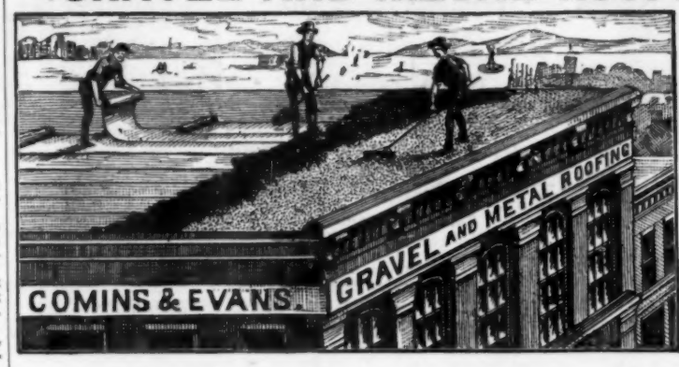

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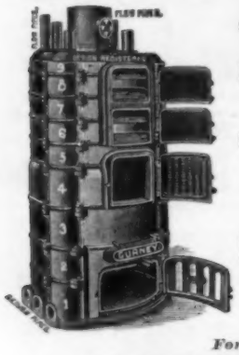

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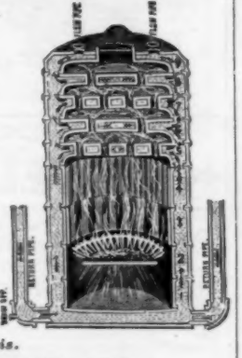

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MENTION THIS PAPER.

BUILDING INTELLIGENCE.

Douglass St., n s, 80′ e Fourth Ave., 6 three-st'y brick dwells., tin roofs; cost, each, $5,500; owner, Eugene H. Wilson, 245 West One Hundred and Twenty-fourth St., New York; architect, J. E. Styles.

McDougal St., n s, 100′ e Reid Ave., 6 two-st'y brick dwells., tin roofs; total cost, $35,000; owner, Mrs. A. Stewart, 373 Quincy St.; architect, S. B. Willier; builders, White & Willier.

Lexington Ave., s s, 147′ e Patchen Ave., 2 two-st'y brick dwells., tin roofs; cost, each, $4,250; owner, A. S. Walsh, 645 Madison St.; architects, A. Hill & Son; builder, Thos. Miller.

Lexington Ave., s s, 189′ e Patchen Ave., 2 two-st'y brick dwells., tin roofs; cost, each, $4,000; owner, A. S. Walsh, 645 Madison St.; architects, A. Hill & Son; builder, T. Miller.

Twentieth St., n s, 100′ w Seventh Ave., 4 two-st'y frame (brick-filled) dwells., tin roofs; cost, $6,800; owner and builder, H. C. Bull, Blythebourne, L. I.; builder, W. Turner.

Kingston Ct., n e cor. Atlantic Ave., 2 two-st'y brick dwells., tin roofs; total cost, $10,000; owner, Florian Grosjean, 314 Schermerhorn St.; architect, W. M. Coots; builder, day's work.

Kensington Ct., e and w s, 19′ n Atlantic Ave., 16 two-st'y brick dwells., tin roofs; total cost, $80,000; owner and builder, same as last.

Chauncey St., s s, 75′ e Stuyvesant Ave., two-st'y brick dwell., tin roof; cost, $4,000; owner, J. F. Tyler, 723 Jefferson Ave.; architects, A. Hill & Son.

Albany Ave., w s, 87′ 7″ s Degraw St., two-st'y brick dwell., tin roof; cost, $3,000; owner, Henry Ball, 1264 Degraw St.; architect, H. Vollweiler; builder, P. Sullivan.

Jefferson Ave., s s, 100′ e Throop Ave., 5 two-st'y brownstone dwells., tin roofs; cost, each, $5,500; owner, architect and builder, P. W. Higginson, 417 Bainbridge St.

Nineteenth St., s s, 175′ w Sixth Ave., 2 two-st'y frame dwells., tin roofs; cost, each, $1,600; owner and contractor, John R. Greene, 59 Adams Pl., Flatbush; architect, B. Finkensieper; mason, L. Hickey.

Carroll St., n s, 92′ w Eighth Ave., three-st'y brownstone dwell., tin roof; cost, $8,000; owner, James C. Jewett, 42 Seventh Ave.; architect, A. E. White; builder not selected.

Eighth St., s s, 90′ e Seventh Ave., 7 two-st'y brownstone dwells., tin roofs; cost, each, $5,000; owner and builder, A. G. Calder, 312 Thirteenth St.; architect, W. M. Calder.

Cambridge, Mass.—*Lismean St.*, cor. Agassiz St., frame dwell., 45′ x 45′; cost, abt. $16,000; owner, Mrs. Eliza W. Skilton; architect, Eugene L. Clark, Boston; builder, Christopher Leake.

Elm Hill (Dorchester) Mass.—*Georgia St.*, frame dwell., 29′ x 60′; cost, abt. $7,000; owner, Mrs. Flora A. Hall; architect, Eugene L. Clark, Boston; builder, R. O. Dunn.

Philadelphia, Pa.—*South Prospect St.*, w Ridge Ave., 2 two-and-one-half-st'y stone dwells.; owner, Archibald Hays, Ridge Ave. and Prospect St.

Thurlow St., Nos. 1220-1222, 2 two-st'y brick dwells. with overhanging bath and brick kitchens; owner, John J. Brady, 1221 Christian St.

Freeland Ave., bet. Roxborough and Levering Sts., 2 two-st'y brick dwells.; owner, Harry Rowland, Green La., Roxborough, Pa.

Penn St., w s, bet. Harrison and Wakeling Sts., 2 three-st'y brick Queen Anne dwells.; owner, William S. Roberts, 5015 Penn St.

Blair St., bet. Cotton and Grape Sts., 3 two-st'y brick dwells.; owner, Harry Rowland, Green La., Roxborough, Pa.

Morris St., Nos. 912-914, two seven-room brick dwells.; owners, Samuel McClellan & Son, 1827 Fitzwater St.

Belmont Ave., e s, n Westminster Ave., three-st'y brick dwell.; owner, William H. Webster, 412 Saunders Ave.

North Third St., No. 2405, two-st'y brick building; owner, John Whalen, 2405 North Third St.

Sunnyside St., s s, e Cresson St., 2 three-st'y brick dwells.; owner, Charles E. Barth, Thirty-third St. and Lehigh Ave.

Ninth St., w s, s Reed St., 6 three-st'y and 2 two-st'y brick dwells.; owner, Mary E. Magee, 1607 Walnut St.

BUILDING INTELLIGENCE.

Manheim St., n e cor. Pulaski Ave., 2 three-st'y brick dwells.; owner, William S. McNabb, 208 Mill St.

Fifteenth St., w s, bel. Erie Ave., 5 two-st'y brick dwells.; owner, Hiram Miller, Fifteenth and Oxford Sts.

Mifflin St., No. 302, two-st'y brick dwell.; owner, Charles G. Weed, 20 Reed St.

Fifty-fifth St., w s, s Moyamensing Ave., 6 two-brick dwells.; owner, Henry Brooks, 5436 Moyamensing Ave.

Germantown Ave., bet. Gorgas and Meehan Sts., three-st'y brick dwell.; owner, Robert Boale, 5571 Main St., Germantown, Pa.

East Cumberland St., No. 1929, two-st'y brick building; owner, Robert Beatty, 2314 East Dauphin St.

Fifth St., w s, n Glenwood Ave., 16 two-st'y brick dwells.; owner, William Armstrong, Twenty-seventh St. and Lehigh Ave.

Walnut St., s s, w Sixty-first St., two-st'y brick dwell.; owner, Bernard Benson, 5010 Willow Ave.

Laurence St., w s, bet. Venango St. and Erie Ave., two-st'y brick dwell.; owner, Samuel Morrison, 3551 North Fifth St.

Fairhill St., e s, ab. Indiana Ave., two-st'y brick dwell.; owner, Samuel Stinson, 2747 Reece St.

Tasker St., n s, w Third St., 11 three-st'y brick dwells.; owner, William H. Messick, 513 Snyder Ave.

Green La., s w cor. Richmond St., 2 two-st'y frame dwells.; owner, Amos R. Crosta, 4534 Salmon St.

South Broad St., Nos. 212-214, 2 three-st'y brick dwells.; owners, Doyle & Doak, 1511 Moravian St.

Kalos St., ab. Manayunk Ave., two-st'y six-room stone dwell.; owner, William Henry Williamson, Manayunk Pike, Wissahickon, Pa.

Dorrance St., e s, s Morris St., 6 two-st'y brick dwells.; owner, Ew. Croasdill, 734 South Twenty-second St.

Newton Centre, Mass.—On a new street, frame dwell., 26′ x 35′; cost, abt. $4,500; owner, Chas. Everett; architect, Eugene L. Clark, Boston; builders, Mitchell & Sullivan.

Pottstown, Pa.—Three-st'y stone dwell. for Wm. S. Ellis, Esq.; cost, $20,000; architect, E. F. Bertolett.

Somerville, Mass.—*Gibbens St.*, frame dwell., 25′ x 35′; owner and builder, David Ross.

Cross St., near Broadway, three frame dwells.; owners, H. Lovering & Co.

Cedar St., frame dwell., 19′ x 26′, with L, 5′ x 12′; owner, Patrick Cooney; builder, Geo. Brown.

Washington St., No. 80, frame dwell., 21′ x 43′; owner, Mary Cunningham; builder, Wm. J. McLean.

Otis St., frame dwell., 22′ x 28′, with L, 17′ x 18′; owner, Mrs. Lizzie Burns; builder, C. O. & S. H. Abbott.

Cedar St., frame dwell., 21′ x 28′, with L, 5′ x 22′; owner, John T. Sartwell; builder, Wm. E. Jones.

Berkeley St., frame dwell., 26′ x 27′, with L, 16′ x 18′; owner, Chas. C. Allen; builder, Alex. M. Godfrey.

Hersey St., frame dwell., 22′ x 26′ with L, 10′ x 13′; owner, Mrs. D. R. Hersey; builders, S. & C. H. Williams.

Montgomery Ave., two frame dwells., 22′ x 25′ with L, 21′ x 24′; owner and builder, James M. Andrews.

Albion St., two frame dwells., 20′ x 26′, with L, 6′ x 18′; owner, S. S. Higgins; builder, Robt. R. Collupy.

Village St., frame dwell., 21′ x 33′; owner, Mary F. Timms; builder, R. H. Collupy.

Washington St., cor. Mystic St., four-st'y brick dwell. and two stores, 42′ x 53′; owner, Mrs. B. F. Allen; builder, Alfred Hines.

Summer St., two frame dwells., 22′ x 29′; owner, James Bolger; builder, James Elston.

Prospect St., near Concord Ave., two frame dwells., one 22′ x 28′, with L, 12′ x 18′; one 20′ x 26′, with L, 4′ x 14′; owner and builder, Jas. W. Connor.

White River Junction, Vt.—Frame dwell., 45′ x 48′; owner, Miss M. E. Gates; contract to be let; architect, E. A. P. Newcomb, Boston.

Winchester, Mass.—*Wildwood St.*, frame dwell., 35′ x 48′, steam or hot-water heating; owner, D. W. Pratt; architect, J. Merrill Brown, Boston.

Woburn, Mass.—Frame dwell., 33′ x 70′; owner, Hon. E. D. Hayden; contract to be let; architect, E. A. P. Newcomb, Boston.

STABLES.

Boston, Mass.—*Boston St., rear*, opp. Power St., Ward 15, frame stable, flat roof, 24′ x 32′; owners, Smith & Carleton; builders, D. H. Jacobs & Son.

Braintree St., near Franklin St., Ward 25, one-st'y frame stable, flat roof; 37′ x 70′; owner, T. R. Brooke; builder, John Marvin.

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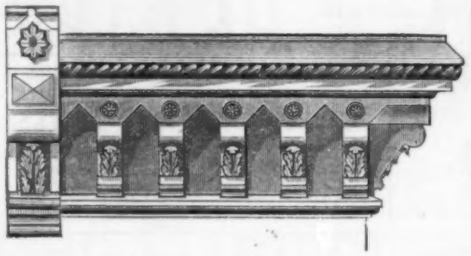

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BUILDING INTELLIGENCE.

STORES.

Boston, Mass.—*Ferdinand St., Nos.* 17-19, 2 one-st'y brick stores, flat roofs, abt. 20′ x 12′; owner, Julius E. Eichler; builder, F. R. McDonald.

Glen Rd., near Blue Hill Ave., Ward 24, one-st'y frame store, 16′ x 20′; owner, W. P. Butler; builder, R. McElroy.

A St., near Richards St., Ward 13, one-st'y frame store, 30′ x 60′; owners, Boston Wharf Co.

Warren Ave., Nos. 38-40, Ward 17, 2 one-st'y iron stores, flat roofs, 34′ x 40′; owner and builder, B. F. Colcord.

Brooklyn, N. Y.—*Howard Ave.*, s w cor. Jefferson Ave., four-st'y brick store and tenement, gravel roof; cost, $12,000; owner, Thos. H. Robbins, 178 Garfield Pl.; architects, A. Hill & Son.

Howard Ave., n w cor. Hancock St., four-st'y brick store and tenement, tin roof; cost, $12,000; owner and architects, same as last.

Third Ave., s w cor. Forty-first St., four-st'y brick store and tenement, tin roof; cost, $10,000; owner, Catharine Whitfield, 802 East Ninth St., New York; architect, F. Ebling; builder, G. Whitfield.

Greene Ave., n w cor. Stuyvesant Ave., 2 four-st'y brownstone stores and tenements, tin roofs; total cost, $30,000; owner, Emma F. Moore, 12 Vernon Ave.; architect, F. Lessing; builder, G. L. Moore.

Gates Ave., n s, 100′ w Irving Ave., three-st'y frame store and tenement, tin roof; cost, $4,500; owner, Adam Kaiser, 275 Central Ave.; architect, F. Lessing.

Hoyt St., w s, 64′ s Second St., three-st'y brick store and tenement, tin roof; cost, $4,500; owner, Benj. Hunter, 58 Second St.; architect, A. E. White; builder not selected.

Franklin St., n w cor. Greene St., 2 four-st'y brick stores and tenements, tin roofs; total cost, $13,000; owner, D. Provost, on premises; architect, R. Dixon.

TENEMENT-HOUSES.

Boston, Mass.—*Allston St.*, near Gerard St., Ward 20, 5 three-st'y brick tenements, flat roofs, 20′ x 40′; owner, R. A. Ballou; builders, G. A. Patrick & Co.

Brooklyn, N. Y.—*Putnam Ave.*, n e cor. Lewis Ave., four-st'y brick tenement, tin roof; cost, $18,000; owner and builder, E. H. Bishop, 617 Hancock St.; architect, I. D. Reynolds.

McKinney St., No. 19, 30′ n Poplar St., five-st'y brick tenement and extension, gravel roof; cost, $5,000; owner, Charles I. Wells, 86 Joralemon St.; architect, A. F. Evans; builder not selected.

Suydam St., n s, 100′ e Hamburg Ave., three-st'y frame tenement, tin roof; cost, $4,600; owner and builder, J. Clement, 126 Suydam St.; architects, Schrempf & Loeffler.

Troy Ave., w s, 67′ n Bergen St., 2 three-st'y frame (brick-filled) tenements, tin roofs; cost, $6,500; owner, Philip Euners, 116 Troy Ave.; architect, J. D. Bogert; builder, Murphy.

Degraw St., s s, abt. 240′ w Fifth Ave., 7 three-st'y brick tenements, tin roofs; cost, each, $5,500; owner and builder, Peter Kelly, 357 First St.

Wythe Ave., e s, 60′ n Rutledge St., 2 three-st'y brick tenements, tin roofs; cost, each, $6,000; owner and builder, Peter Cummerford, 67 Rodney St.; architect, I. D. Reynolds.

Schaefer St., n s, 100′ e Broadway, 4 three-st'y frame (brick-filled) tenements, tin roofs; cost, each, $5,000; owner and builder, E. E. Kelly, 713 Gates Ave.; architect, H. Vollweiler.

Varet St., n s, 50′ 10″ e Broadway, 2 four-st'y brick tenements, tin roofs; total cost, $18,000; owner, J. S. Schneider, 685 Willoughby Ave.; architect, Th. Engelhardt; builder not selected.

Varet St., n s, 107′ 3″ w Ewen St., 2 four-st'y brick tenements, tin roofs; total cost, $18,000; owner, architect and builder, same as last.

Monroe St., s s, 250′ e Ralph Ave., seven-st'y brick tenement, tin roof; cost, $[illegible],000; owner, D. I. Sheppard, 45 Taylor St; architect, B. Finkensieper; builders, Gillmore & Trevor; mason, T. Park.

Madison St., s s, 200′ w Howard Ave., 2 four-st'y brick tenements, tin roofs; total cost, $19,000; owners, A. J. Bates & Co., 202 Church St., New York; architect, F. Holmberg.

Bridge St., No. 350, w s, five-st'y brick tenement, tin roof; cost, $10,000; owner, F. B. Moore, 348 Bridge St.; architect, J. G. Glover; builder not selected.

Bushwick Ave., w s, 68′ s Troutman St., three-st'y frame (brick-filled) tenement, tin roof; cost, $4,000; owner, E. Lange, 11 Stagg St.; architect, F. Holmberg.

Bushwick Ave., w s, 43′ s Troutman St., three-st'y frame (brick-filled) tenement, tin roof; cost, $5,000; owner and architect, same as last.

Marion St., n s, 225′ e Reid Ave., three-st'y frame (brick-filled) tenement, tin roof; cost, $5,000; owner, Christian Estrup, on premises; architect, H. Vollweiler; builder, not selected.

Hamburg Ave., n e cor. Myrtle Ave., three-st'y frame tenement, tin roof; cost, $5,000; owner, Aug. Sedlmeier, 73 Starr St.; builder, Wm. Bayer; architect, F. Holmberg.

Marcy Ave., w s, 20′ n Lexington Ave., four-st'y brick tenement, gravel roof; cost, $10,000; owner, Hector Toulmin, 324 Second Ave., New York.

India St., n s, 325′ w Oakland St., three-st'y frame tenement, cement and gravel roof; cost, $3,500; owner, John Hazlett, India St.; architect, E. Cahey; builders, J. A. and W. H. Port and McGarry & Moran.

Herkimer St., n e cor. Hopkinson Ave., four-st'y tenement, tin roof; cost, $20,000; owner, Henry C. Baker, 1108 Fulton St.; architect, A. Hill.

Fourth Ave., n e cor. Ninth St., four-st'y brick tenement, gravel roof; cost, $8,000; owner and builder, C. Collins; architect, J. G. Glover.

President St., s e cor. Sixth Ave., four-st'y brick tenement; also one-st'y extension in rear and one-st'y extension on side, tin roof; cost, $12,000; owner, Rev. D. J. Hickey, cor. Sixth Ave. and President St.; architect, Chas. Werner; builder, P. F. O'Brien; mason, P. J. Kelly.

Halsey St., s w cor. Reid Ave., 4 four-st'y brick tenements, tin roofs; cost, $48,000, owner, W. H. H. Young, 185 Reid Ave.; architect, H. Vollweiler; builder not selected.

Fourth Ave., w s, 67′ n Ninth St., four-st'y brick tenement, gravel roof; cost, $10,000; owner, Charles Collins, 442 Ninth St.; architect, J. G. Glover; builder not selected.

Halsey St., s w cor. Howard Ave., four-st'y frame (brick-filled) tenement, tin roof; cost, $10,000; owners and builders, W. P. Rae and B. H. Newman, 240 Gates Ave.; architect, I. D. Reynolds.

Jefferson Ave., s s, 27′ 6″ w Saratoga Ave., 2 four-st'y brick tenements, tin roofs; cost, $22,000; owner, builder and mason, W. H. H. Glover, 788 Quincy St.; architect, Fr. Weber.

Jefferson Ave., s s, 65′ 6″ w Saratoga Ave., 3 four-st'y brick tenements, tin roofs; cost, $30,000; owner and builder, W. H. H. Glover, 788 Quincy St.; architect, Fr. Weber.

Sumner Ave., n w cor. Van Buren St., four-st'y brick tenement, tin roof; cost, $10,000; owner and architect, F. Sloat, 507 Van Buren St.

Third Ave., e s, bet. Union and President Sts., 7 four-st'y brick tenements, tin roofs; cost, $49,000; owner, Catharine Bulkley, 39 Sterling Pl.; architect, W. M. Coots; builder, J. Donohue.

Franklin St., e s, 50′ s Eagle St., three-st'y frame tenement, gravel roof; cost, $5,000; owner, H. J. Clark, Eagle and Franklin Sts.; architect, J. C. Snackenberg.

Bushwick Ave., n w cor. Cook St., five-st'y frame (brick-filled) tenement, tin roof; cost, $4,600; owner and builder, G. D. Rezenstine, 193 Varet St.; architect, G. Dittrich.

Gold St., e s, 78′ s Myrtle Ave., four-st'y brick tenement, tin roof; cost, $9,000; owner, John Flynn, 200 Adelphi St.; architect, C. F. Eisenach; builder not selected.

St. Louis, Mo.—Two-st'y and mansard brick tenement; cost, $5,000; owner, Theo. Horstmeyer; contractor, B. Stock.

Two-st'y brick tenement; cost, $2,500; owner, J. Donovan; contractor, J. Farrell.

MISCELLANEOUS.

Brooklyn, N. Y.—*Schermerhorn St.*, s s, bet. Smith St. and Boerum Pl., three and five st'y brick clubhouse, slate roof; cost, $85,000; owners, Germania Club, F. A. Schroeder, Chairman, Water St., New York; architect, F. Freeman; builder not selected.

Park Ave., n s, 31′ w Schenck St., one-st'y brick boiler-house, tin roof; cost, $5,000; owners, McDermott & Howard, Park Ave. and Schenck St.; architect, T. F. Houghton.

Broadway, e s, 125′ n Greene Ave., one-st'y frame (brick-filled) bowling-alley and store, tin roof; cost, $3,000; owner, A. Kleinschnitz, 1273 Broadway; architect, F. Holmberg.

Greenpoint Ave., e s, 500′ n Kingsland Ave., two-st'y frame (corrugated iron sheathing) storage, gravel roof; owners, architects and builders, Sone & Fleming Mfg. Co., 26 Broadway, New York.

Third Ave., n e cor. Thirty-fifth St., five-st'y brick factory, gravel roof; cost, $75,000; owners, R. Graves & Co., Fulton St., Carlton Ave. and Adelphi St.; architect, B. Finkensieper; builders, M. Gibbons & Son.

Detroit, Mich.—Block of offices, 26 Adams Ave., e; cost, $8,500.

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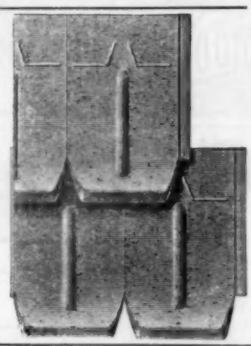

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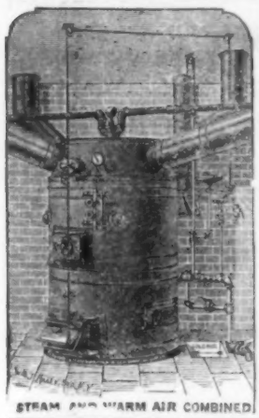

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St. Louis, Mo.—Two-st'y brick restaurant; cost, $12,450; owners, Delecatessau Co.; architect, A. F. Rosenheim; contractor, L. C. Jones.

Six-st'y brick and frame elevator; cost, $20,000; owners, Anheuser Busch. Brew. Co.; architects, E. Jungenfelde & Co.; sub-let.

COMPETITION.

MUNICIPAL BUILDINGS.

[At New York, N. Y.]

NEW YORK, N. Y., April 22, 1889.

NOTICE TO ARCHITECTS.

In accordance with the provisions of Chapter 371 of the Laws of 1887, entitled "An act to provide for the erection of a building for criminal courts and other purposes in the city of New York," the Commissioners of the Sinking Fund will receive plans, specifications and estimates of cost **until the 20th day of June, 1889,** for the building provided for in the said act, to be erected on the block bounded by Centre and Elm and White and Franklin Streets.

The plans, estimates and specifications to be submitted are described in a paper entitled "Instructions to Architects," which can be obtained on application at the Comptroller's office.

These "Instructions" will also contain a diagram of the plot on which the building is to be erected, showing location, dimensions, etc.

The architect whose plan, estimate and specification shall be approved and accepted by the Commissioners will be appointed architect for the construction of the building, and be paid for his services in superintending the work the fees prescribed by the American Institute of Architects, provided his standing is such as to guarantee a faithful discharge of his duties.

Each set of plans, estimates and specifications submitted shall be marked with such assumed designation as the architect may select, provided there shall be filed with the Mayor a sealed envelope giving the real name of the competitor, which will not be opened until the selection shall have been made.

THEO. W. MYERS, Comptroller, WALTON STORM, Chairman Finance Committee, Board of Aldermen. } Committee Commissioners of the Sinking Fund.

703

COMPETITION.

PROPOSALS.

TO IRON MANUFACTURERS AND BUILDERS. Office of the Light-House Engineer, Third District, Tompkinsville, N. Y., May 11, 1889. Proposals will be received at this office until 12 o'clock, noon, of Wednesday, the 12th day of June, 1889, for furnishing the materials and labor of all kinds necessary for the completion and delivery of the metal-work, and for the erection of the Cold Spring Harbor Light-House, Long Island, N. Y. Separate proposals must be made for each work. Plans, specifications, forms of proposal, and other information may be obtained on application to this office. The right is reserved to reject any or all bids and to waive any defects. D. P. HEAP, Major of Engineers, U. S. A., Light-House Engineer, Third District. 699

Treasury Department, May 8, 1889. Sealed proposals will be received at the office of the Superintendent, Treasury Department, Washington D. C., until two (2) o'clock P. M., on Monday, the 10th day of June, 1889, for the labor and materials required in the completion of the replacing of the disintegrated slate roof with a copper roof on the north and south wings of the United States Treasury Building at Washington, D. C., in accordance with the drawings and specifications, copies of which may be seen and any additional information had upon application at the above office. Each bid must be accompanied by a certified check for five hundred dollars ($500). GEO. S. BATCHELLER, Acting Secretary. 701

May 11, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 31st day of May, 1889, for the labor and materials required in the completion of the approaches to the Court-House, Post-Office, etc., building at Oshkosh, Wis., in accordance with the specification and drawings, copies of which may be had on application at this office and the office of the Superintendent. Each bid must be accompanied by a certified check for $100. JAMES H. WINDRIM, Supervising Architect. 699

May 9, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 29th day of May, 1889, for furnishing the plaster models of ornamental work required for the United States buildings at Los Angeles, Cal., Charlotte, N. C., Ottumwa, Iowa, and Rochester, N. Y. Drawings may be seen, and copies of the specification with blank proposal sheets attached, may be obtained at this office and at the office of the local superintendents. Each bidder must send with this proposal a certified check for $100. JAMES H. WINDRIM, Supervising Architect. 699

To engine and boiler-makers. Office of Light-House Engineer, Ninth and Eleventh Districts, Detroit, Mich., April 29, 1889. Proposals will be received at this office until 4 o'clock P. M., on Thursday, the 6th day of June, 1889, for furnishing the boilers, machinery, etc., for steam fog-signals for Presque Isle, Cheboygan, Old Mackinac Point, Simmons Reef, Beaver Island, Manistee, Point Iroquois and Manitou, Mich.; Chicago, Ill.; Twin River Point and La

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PROPOSALS.

Pointe, Wis.; and Two Harbors, Minnesota. Plans, specifications, forms of proposal and other information, may be obtained on application to the undersigned. The right is reserved to reject any or all bids, and to waive any defects. WILLIAM LUDLOW, Major of Engineers, U. S. A., Light-House Engineer.
699

PENITENTIARY.

[At Mansfield, O.]

OFFICE OF THE BOARD OF MANAGERS, INTERMEDIATE PENITENTIARY, MANSFIELD, O., April 23, 1889.

Sealed proposals will be received at this office **until 12 o'clock M. on the 16th day of May, 1889,** for completing the mason-work of the front buildings, including gables, towers, dormers, etc., above the top line of cornice; also, the iron-work of the third story ceiling, and all the iron-work of the roofs and towers of the front buildings.

Bids will be received separately for the labor and materials for the following classes of work, viz.: Limestone-facing, cut-stone, brickwork, wrought-iron beams and chanels, rods, ties, anchors, expansion bolts, cast-iron resting-plates, etc.

All to be done in accordance with drawings and specifications.

Additional information can be obtained at this office, or at the office of Levi T. Scofield, architect, 22 Case Building, Cleveland, O., where drawings and specifications can be seen.

The Board reserves the right to reject any or all bids.

WM. MONAGHAN,
W. J. ELLIOTT,
B. F. CRAWFORD,
} Managers.

699

PROPOSALS.

CHAPEL AND BARN.

[At Xenia, O.]

OFFICE OF THE SUPERINTENDENT, OHIO SOLDIERS' AND SAILORS' ORPHANS' HOME, XENIA, O., April 29, 1889.

Sealed proposals will be received at the office of the Superintendent of the Ohio Soldiers' and Sailors' Orphans' Home, near Xenia, O., **up to 12 o'clock (noon) of the 28th day of May, 1889,** for performing the labor and furnishing the materials necessary for enlarging the chapel at said Home, in accordance with plans and specifications on file in this office, to be open for public inspection from and after May 4, to May 28, 1889, inclusive.

Separate and distinct proposals to be made for each separate and distinct kind of labor necessary in doing the work.

Also, at the same time and place, sealed proposals will be received for performing the labor and furnishing the materials necessary to the erection of a barn according to plans and specifications on file in this office and open for public inspection from and after May 4, to May 28, inclusive, except that said Ohio Soldiers' and Sailors' Orphans' Home has 106,000 (one hundred and six thousand) bricks; forty (40) perch of stone for foundation, and the following bill of lumber:

3,663 ft. Norway.	10 8x8-10.
5,600 ft. white pine.	1 8x8-14.
228 2x8-26.	58 2x6-20.
33 2x12-20.	4 4x6-16.
33 2x12-16.	33 2x4-16.
69 2x12-12.	16 2x8-16.
4 3x4-28.	

Which are to be used in the construction of said barn by the contractor or contractors.

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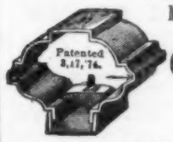

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PHILADELPHIA, PA.

PROPOSALS.

The contractor or contractors to furnish all the labor and all *other* materials except the above *specified* materials, necessary to the erection of said barn.

Separate and distinct bids to be made for each separate and distinct trade and kind of labor necessary in doing the work.

Bids must be accompanied by a bond of the proposer with sufficient sureties conditioned that if the proposal be accepted the party proposing will enter into a proper contract, and faithfully perform his or their contract or contracts in accordance with said proposal and the plan or plans, specifications and descriptions which are a part of such contract or contracts.

All bids must be addressed to the undersigned and indorsed "Proposals for Enlarging Chapel and Building Barn."

NOAH THOMAS,
Superintendent.

RESERVOIR.

[At Buffalo, N. Y.]

OFFICE OF THE WATER COMMISSIONERS, No. 1 CITY AND COUNTY HALL, BUFFALO, N. Y., April 1, 1889.

Sealed proposals will be received at this office **until 3 P. M. Tuesday, May 21, 1889,** for the construction of a receiving and distributing reservoir for the Buffalo City Water-works on the property bounded by Best, Dodge, Jefferson and Masten Streets (area about twenty-two acres); capacity of reservoir about 125,000,000 gallons.

Proposals must be made upon the printed forms that have been provided.

Plans and specifications can be seen and examined at this office, giving full description of the work and materials required.

Specifications will be mailed to parties applying for the same.

The Commissioners reserve the right to accept or reject any or all bids, or to accept any part of a bid, as in their judgment the interest of the city may require.

L. P. REICHERT,
JAMES RYAN,
S. K. WORTHINGTON,
Water Commissioners.

699

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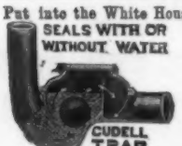

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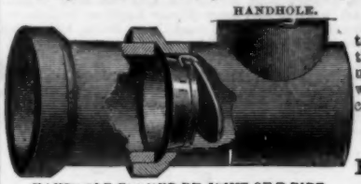

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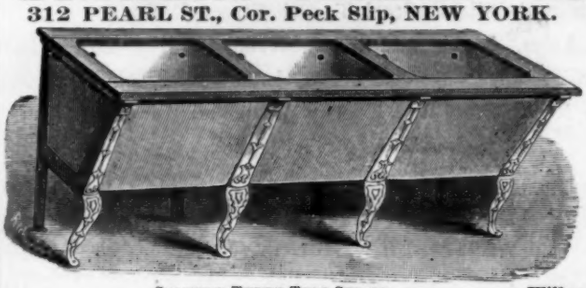

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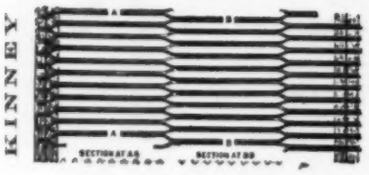

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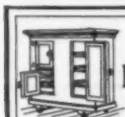

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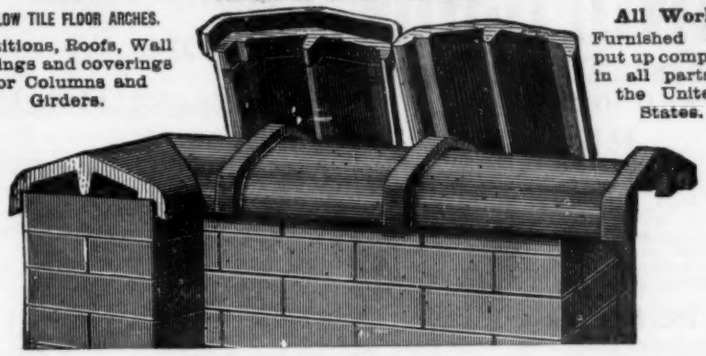

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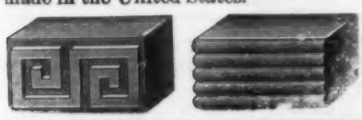

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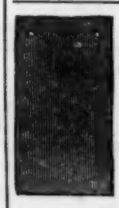

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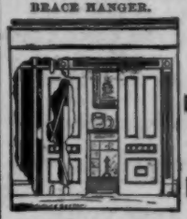

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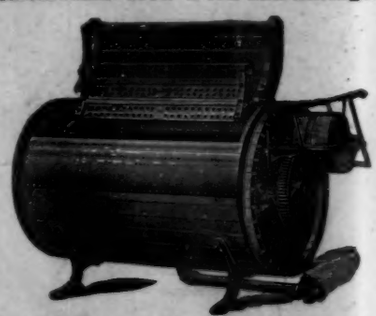

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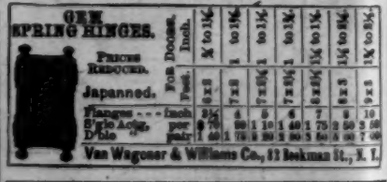

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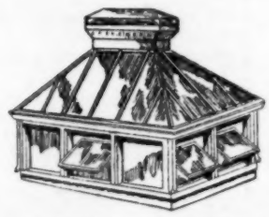

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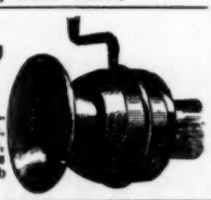

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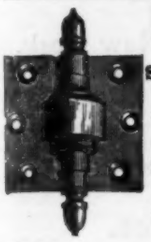

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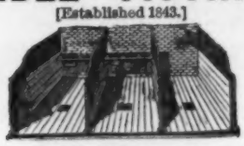

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Long Island	@			Salmon @ 00
Up River	5 75 @ 6 25	Domestic Com. 9 50 @ 10 00	Indiana Pressed 16 00 @ 22 00	Sq. " @ 9 00
Haverstraw Bay 2nd	6 25 @ 6 50	Domestic Face 20 00 @ 22 00	St. Louis Fronts @ 27 00	Light Stretchers @ 12 00
" 1st	6 75 @ 7 00	Philadelphia 40 00 @ 45 00		Medium " @ 14 00
Hollow	@ 13 00	Phila. mould 50 00 @ 80 00		Red " @ 15 00
Fronts				Dark " @ 15 00
Croton, Brown	14 00 @ 15 00	Anderson 14 00 @ 32 00	18 00 @ 27 00	Pressed @ 15 00
" dark	15 00 @ 16 00		65 00 @ 350 00	Best Paving 22 00 @ 25 00
" red	15 00 @ 16 00		45 00 @ 55 00	Second " @ 16 00
Chicago pressed (Anderson)			45 00 @ 50 00	Third " @ 14 00
Chicago Moulded			25 00 @	
Baltimore	37 00 @ 41 00		60 00 @ 100 00	Dom. @ 65
Philadelphia	27 00 @ 28 00		30 @	@ 85
Trenton	@ 27 00		35 @	
Milwaukee			55 00 @ 65 00	
Moulded:				
Glens Falls Red Pressed	@ 27 00		@ 100 00	
" " Buff "	@ 30 00		@ 120 00	
" " Moulded Red & Buff	45 00 @ 70 00			
Enamelled: *Imp.*				
Enamelled (edge.)	85 00 @ 100 00			
Enamelled (edge and end)	90 00 @ 115 00			
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	@ 1 10	@ 1 40	*Not Sold.*	1 30 @ 1 50
Louisville "			1 05 @ 1 30	B & S.E. 275 @ 300
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	*Not sold.*	1 60 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	@ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	@ 2 88	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	@ 2 85	3 00 @ 3 25	2 85 @ 3 15
" " (Burham)	2 50 @ 2 80	@ 2 85	2 90 @ 3 15	2 50 @ 2 75
" " (White's)	2 65 @ 3 00	@ 2 85	3 60 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	3 00 @ 3 25	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	2 80 @ 3 15	2 50 @ 2 75
" " (Vorwohler)	2 50 @ 2 90	*Not sold.*	2 80 @ 3 15	Josson
" " (Lagerdofer)	@	3 00 @ 3 50	2 75 @ 3 00	2 50 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25		3 25 @ 3 50	2 85 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not Sold.*	2 75 @ 3 00
" " Stettin, (Anchor)	2 35 @ 2 85		*Not Sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 50 @ 2 75
Roman	2 75 @ 3 00	@ 3 20	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	7 00 @ 7 50	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	11 00 @ 12 00	8 00 @ 9 00
Lime:				
Lime of Tell	3 50 @ 4 00		*Not sold.*	White Lime
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30 ₱ bush
Chicago Lime in bulk		St. John 1 00	55 @	White Mass
Wisconsin "		@	60 @	1 25 @ 150
Rockland and Rockport, (Com.)	@ 1 00	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 1 20	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing "	@ 1 10	*Not sold.*	*Not sold.*	*Not sold*
Plaster of Paris (calcined.)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 25 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ bush	18 @ 21	25 @ 30	20 @ 25	22 @ 30
" (Goat)	25 @ 28	@ 30	30 @ 35	30 @ 35
Sand, ₱ load	1 00 @ 1 25	1 75 @ 1 80	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)	@ 60	@ 60		55 @ 65
Limestone:				
Bedford	45 @ 1 25	25 @ 1 00	50 @	75 @ 90
Joliet	@ 1 00		35 @ 55	Richmond
Lemont	@		35 @ 60	75 @ 1 50
Serpentine	@		@ 1 00	4 50 ₱ Perch

NATURAL WOOD FINISHING.

FOR FINISHING THE INTERIOR WOOD-WORK OF YOUR HOUSE USE THE CELEBRATED AND ONLY GENUINE

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"HARD OIL FINISH."

This article has been in general use for the past fifteen years, and is acknowledged the standard for house-finishing. It preserves the natural color of the wood and increases the beauty of the grain.

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The only Liquid Wood Filler on the market by which a perfectly smooth and non-absorbing surface for varnishing can be obtained without the labor and expense of rubbing off.

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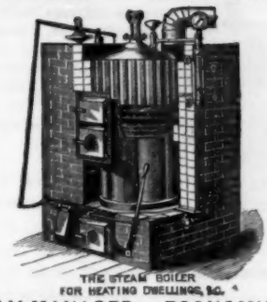
BUILDING MATERIALS.	New York. (Wholesale Prices.)	Boston. (Prices to Builders and Contractors.)	Chicago.	Philadelphia.
Foundation:				
Dimension		5 00 ℔ ton	20 @	@ 5 00
Block		4 60 ℔ perch		Conshocken
Rubble		1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed	50 @ 6 00	75	50 @ 1 00	37 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		95 @ 1 16
Kibbe	@ 90	90 @ 1 10		1 05 @ 1 35
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	
Amherst } Ohio	90 @ 95	80 @ 1 00	45 @ 50	55 @ 1 00
Berea } Ohio	75 1 00	80 @ 90	45 @ 55	
Berlin } Ohio	75 1 00	80 @ 90	55 @ 65	
Belleville	80 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 4
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 00 @ 1 1
Caen			"	1 25 @ 1 5
Carlisle, English	@ 1 05	80 @ 90		95 @ 1 1
Corse Hill (Scotch)	1 05			
Marble (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and Blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined	[illegible]	50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna	@	3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red	@	1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville	@	85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@		*Not sold.*	2 00 @ 3 00
Vermont, white	@	1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate; Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 0
" " Chapmans			7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am. ℔ M.	@		*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil,* ℔ *lb.*)				
White lead, Am.	7 @ 7½	7 @ 7½	6½ @ 7	@ 7
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am.,	6½ @ 7	7 @ 7½	6½ @ 7½	@ 7
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. @ 65
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	@ 12
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" @ 18
Black, lamp,	15 @ 25	15 @ 25	8 @ 30	@ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw) (℔ gal.)	56 @ 58	59 @ 60	56 @ 57	@ 58
" " boiled	59 @ 61	62 @ 63	59 @ 60	@ 6
Turpentine	40 @ 41	40 @ 43	47 @ 52	@ 84
Varnish, coach		1 50 @ 6 00	1 25 @ 2 00	@ 2 75
Shellac		2 50 @ 3 00	2 25 @ 4 00	@ 3 25
Putty	2 @	2 @ 4	02 @ 02½	@ 2
Whiting } dry	78 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.,) } dry	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 14
Litharge, Am	5½ @ 6	5½ @ 6½	6½ @ 7½	@ 7
Sienna (burnt)	16 @ 20	14 @ 20	4 @ 16	@ 14
Umber, "	14 @ 20	14 @ 20	2 @ 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85		2 05 @	pr kg @ 2 10
10d. common	@ 2 60	@ 2 15	@ 2 15	@ 2 10
Shingle	@ 3 35	@ 2 65	@ 2 65	@ 2 40
Lath	@ 4 85	@ 3 65	@ 3 55	3 00 @ 3 50
Finishing nails according to size.)			Add .85 to $1.15	per lb 11 @ 14
(*For casing nails add 75c. per keg.*)			" .50 to .90	Add pr cask
Butts: 4" x 4" (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 44
Japanned	@ 1 50	@ 1 75	*Not sold.*	@ 1 57
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 2 75	1 75 @ 2 00
Ball Tip, Boston Finish. (℔ pair.)	@ 65	@ 80	*Not sold.*	48 @ 50
Bronze metal	@ 1 99	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony				@ 35
Apple wood				37 @ 1 00
Knobs: (℔ *Set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hematite	*Not sold*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 4 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 %	29 @ 35
Sheet Lead		@ 6¼		12 @ 13½
Lead Pipe		@ 5½		6 @ 6½
Iron:				
I-Beams, up to and including 30 ft.	3 3-10 @ 3½	2 8-10	@ 4	@ 2 8-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance.			@ 4	@ 2 8-10
Channel-Beams	3 3-10 @ 3½	2 8-10 3½	@ 4	@ 2 8-10

PAGE Steam Heater.



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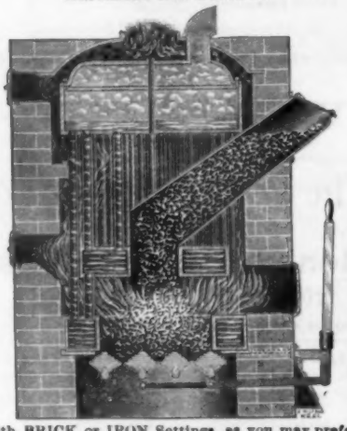
The BRONSON BOILER

For Steam and Hot-Water Heating
Automatic and Reliable.



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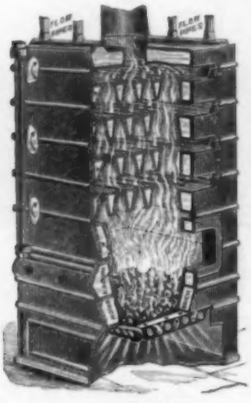

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Over 14,500 in use.

Keeps steam up constantly.

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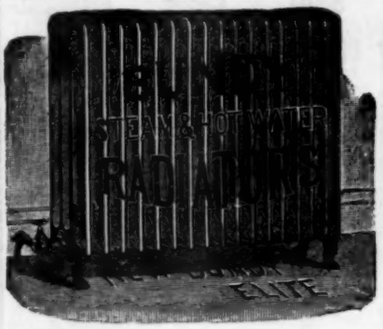

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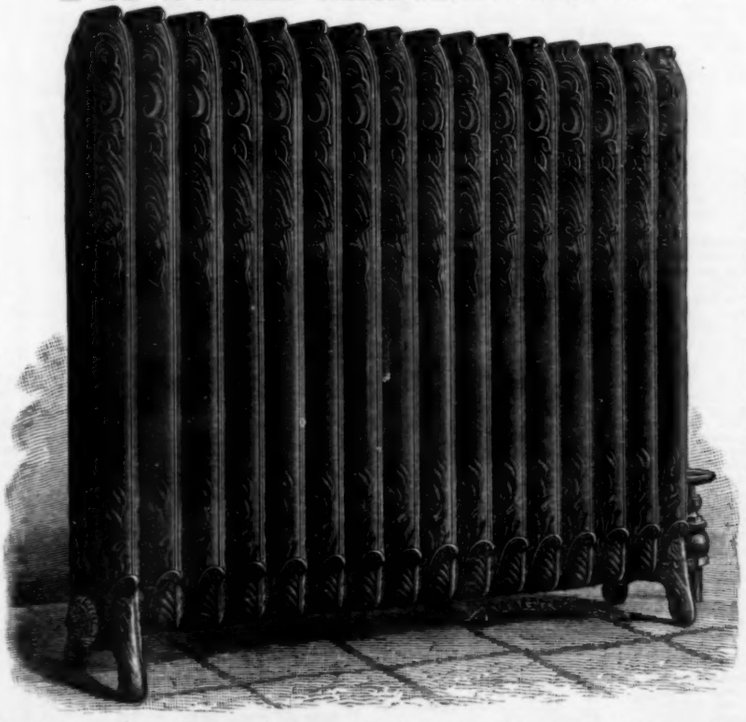

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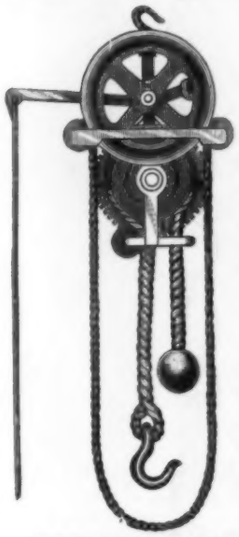

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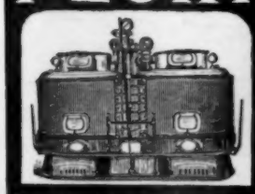

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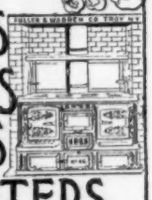

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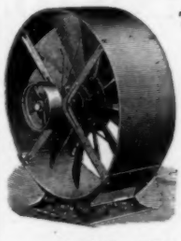

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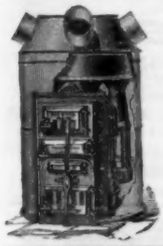

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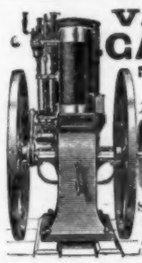

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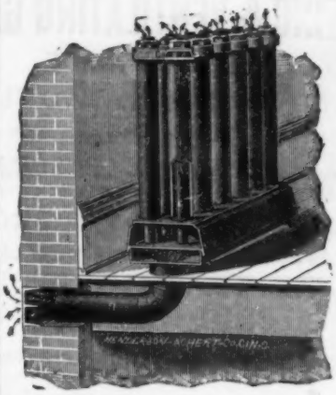

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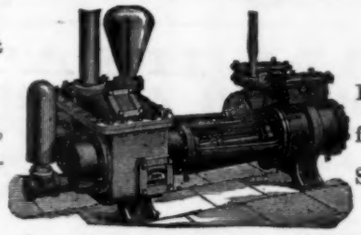

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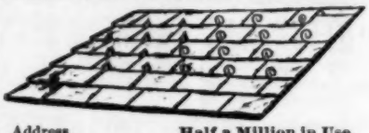

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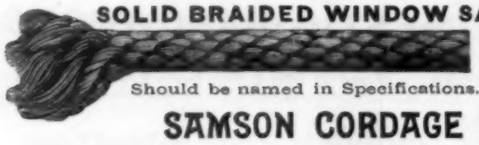

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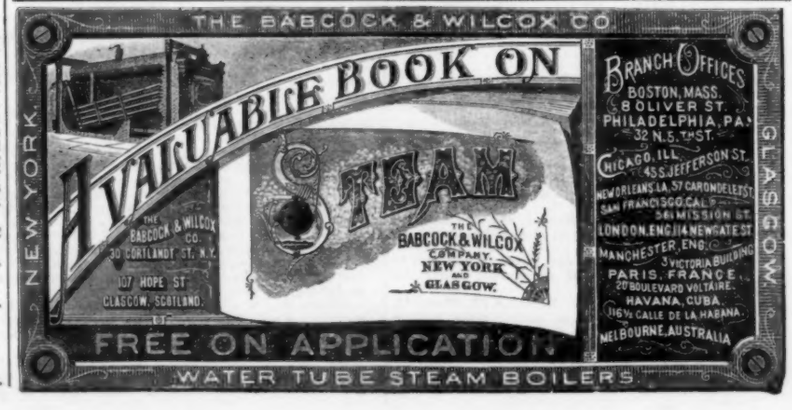

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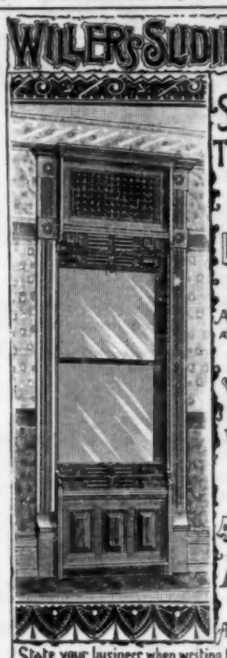

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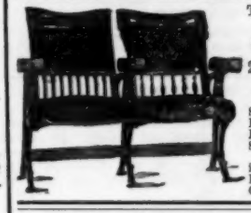

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[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

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Sudbury St., No. 67, cor. Hawkins St., Ward 11, additions and alterations to brick factory; owner, A. Wentworth; builder, G. D. McClellan.

Eliot St., Nos. 31-37, Ward 10, alter two dwells. and store to one building; owners, Jacob Worth *et als.*; builder, J. McNamara.

Allen St., No. 54, Ward 8, addition to brick dwell.; owner, Sarah Gaffield; builders, D. H. Jacobs & Son.

Commonwealth Ave., No. 326, Ward 11, remodel brick dwell.; owner, G. H. Tinkham; builder, K. Driskoll.

East First St., near K St., Ward 14, alter frame storage to dwell.; owner, H. B. Adams; builder, T. Rayner.

Chauncy St., No. 94, Ward 10, repair fire damage to brick mercantile building; owners, J. T. Brown *et als.* Trustees; builder, J. J. Shaw.

East First St., near K St., Ward 14, alter storage to dwell.; owner, H. B. Adams; builder, T. Rayner.

Howard St., Nos. 4-8, Ward 10, alterations to brick mercantile building; owners, W. S. Dexter and J. A. Loring; builder, J. H. Marble.

Beacon St., w Charles St., alterations to brick and stone dwell. for business apartments and offices; lessee, D. Toy; contract to be let; architect, Chas. J. Bateman.

Old Harbor St., additions to Carney Hospital, six-st'y central building, 56′ x 69′, with central projection, 6′ x 18′, surmounted by copper tower, 136′ to top of cross; wing, 37′ x 45′; five-st'y, and raising of chapel for sisters' dormitories and refectories; architect, Chas. J. Bateman.

Tremont St., No. 1285, cor. Prentiss St., Ward 19, remodel brick tenement; owner, John Miller; builder, S. Murphy.

Cambridge, Mass. — Four-st'y addition to frame factory, 32′ x 60′, for Reversible Collar Co.; contract to be let; architect, S. S. Woodcock, Boston.

Camden, N. J.—*Broadway, No.* 219, brick addition to dwell.; owner, Wm. White, 221 Broadway.

Haddon Ave. and Federal St., brick addition to store; owner, K. Russ Torbert, 801 Newton Ave.

South Sixth St., No. 834, two-st'y brick addition to dwell.; owner, Frank Quinn.

Providence, R. I.—*West Exchange St.*, addition to brick and iron building; cost, $16,000; owners, New York, Providence & Boston R. R.; builders, Thos. B. Ross & Son; engineer, E. P. Dawley.

Winchester, Mass.—Alterations to frame dwell. for A. C. Vinton, addition of L, 27′ x 37′, new system of plumbing for entire dwell.; contract to be let; architect, Samuel J. Brown, Boston.

APARTMENT-HOUSES.

Boston, Mass.—*Parker St.*, near opp. Haviland St., Ward 22, 6 four-st'y brick apartments, flat roofs; abt. 22′ x 46′; owner, N. E. O'Sullivan; builders, O'Sullivan Bros.

Commonwealth Ave., No. 184, Ward 11, six-st'y brick apartments, flat roof, 26′ x 124′ 6″; owner, Jane L. Palmer; builder, B. F. Deming.

St. James St., Ward 21, eight frame apartments, three suites in each dwell., with modern improvements; work to be begun immediately; owner, McLaughlin estate; architect, Chas. J. Bateman.

Chicago, Ill. — J. Donohue, two-st'y flats, West Harrison St.; cost, $3,400; architect, J. V. Beers.

M. Youissant, three-st'y flats, Cleveland Ave.; cost, $4,500; architect, A. F. Boos.

J. Slapak, two-st'y flats, Oakley St.; cost, $3,400; architect, F. Frish.

E. M. Horton, two-st'y flats, Park Ave.; cost, $5,000; architects, Flanders & Zimmerman.

P. F. Flynn, 2 four-st'y flats, West North Ave.; cost, $20,000; architect, W. Ohlhaber.

F. W. James, two-st'y flats, Lowe Ave.; cost, $3,500; architect, B. W. Bargerbush.

H. Newgard, two-st'y flats, Bryson St.; cost, $4,000; architect, C. Geyer.

J. Graner, two-st'y flats, West Superior St.; cost, $4,000; architects, Wilson, Marble & Lawson.

J. Nelson, two-st'y flats, Dearborn St.; cost, $3,500; architect, G. W. Ashley.

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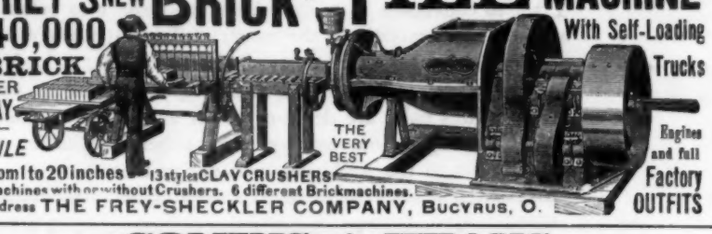

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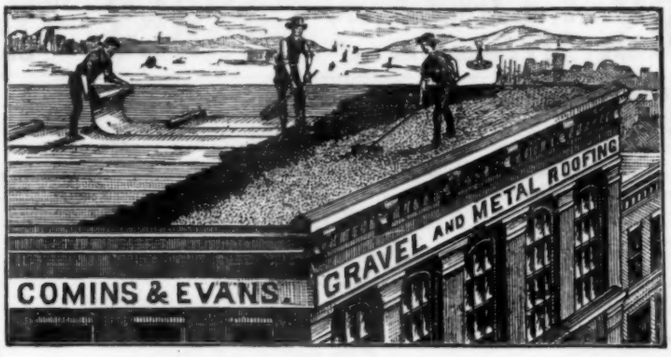

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BUILDING INTELLIGENCE.

M. D. Penrose, two-st'y flats, Walnut St.; cost, $4,000; architect, A. Smith.

P. Shea, two-st'y flats, Congress St.; cost, $2,500; architect, E. Shea.

Mrs. A. Voigt, three-st'y flats, North Halsted St.; cost, $5,000; architect, A. J. Mamer.

L. A. Richard, three-st'y flats, Townsend St.; cost, $5,000; architect, F. Busch.

Mrs. N. B. Smith, two-st'y flats, Walnut St.; cost, $3,500; architects, J. G. Jones & Co.

S. Hagen, three-st'y flats, Evergreen St.; cost, $6,000; architect, C. F. Lorenzen.

B. Magin, three-st'y flats, Twenty-sixth St.; cost, $8,000; architect, C. O. Hansen.

W. Ilett, two-st'y flats, West Polk St.; cost, $3,500; two-st y flats, Loomis St.; cost, $5,000; architect, J. W. Ackerman.

C. E. Farnsworth, two-st'y flats, West Polk St.; cost, $4,500; architect, J. W. Walker.

H. Grosser, three-st'y flats, Paulina St.; cost, $4,500; architect, Mahler.

E. Schrieber, owner and architect, two-st'y flats, West Twenty-second St.; cost, $2,700.

J. Zelenka, four-st'y flats, Centre Ave.; cost, $6,700; architect, F. C. Layer.

Minneapolis, Minn. — Miss Nellie Mead, frame apartment, 2025-2027 Fourth Ave.. s; cost, $12,000.

New York, N. Y.—*Tenth Ave.*, n w cor. Ninety-fifth St., 7 five-st'y flats; owner, Andrew J. Doyle; architects, A. B. Ogden & Son.

Madison Ave., n e cor. One Hundred and Fifteenth St., 4 five-st'y brick and stone flats; owner, John H. Parker.

One Hundred and Third St., n s, 150′ w Ninth Ave., 4 five-st'y brick flats, tin roofs; cost, $60,000; owner, Edward Cunningham, 395 Manhattan Ave.; architect, F. A. Minuth, 822 Broadway.

Fifth Ave., s e cor. Eighty-fifth St., six-st'y brick flat, tin roof; cost, $125,00; owner, Philip Braender, 122 East Eighty-fifth St.; architect, Frank Wennemer, 204 East Eighty-sixth St.

Forty-third St., n s, 102′ e Third Ave., five-st'y brick flat, tin roof; cost, $16,000; owners, Wm. & D. Quain, 685 Third Ave.; architects, Higgs & Rooke, 835 Broadway.

Second Ave., s e cor. Ninety-fifth St., 4 five-st'y brick flats, tin roofs; cost, $46,000; owner, John I. Kelley, 1501 Second Ave.; architect, Edward Wens, 1491 Third Ave.

West Twenty-first St., Nos. 317-321, 3 five-st'y brick flats, tin roofs; cost, $60,000; owners, Curry & Gillie, 208 West One Hundred and Fourth St.; architect, M. V. B. Ferdon, One Hundred and Fifty-second St. and St. Nicholas Ave.

West Twenty-second St., No. 264, five-st'y brick flat, tin roof; cost, $18,000; owner, Jane Smith, 326 West Seventeenth St.; architect, James W. Cole, 403 West Fifteenth St.

One Hundred and Forty-fourth St., n s, 56′ 10″ e Broadhurst Ave., 2 five-st'y brick flats, tin roofs; cost, $70,000; owner, I. A. Crothers, 2711 Eighth Ave.; architect, E. L. Angell, 94 Liberty St.

CHURCHES.

St. Louis, Mo.—One-st'y brick church; cost, $2,500; owners, Delmar Ave. Baptist Church; contractor, P. F. Miller.

Two-st'y brick church; cost, $15,000; owners, First German Baptist Church; architect and contractor, H. E. Roach.

FACTORIES.

St. Louis, Mo.—Two-st'y brick factory; cost, $16,000; owners, Robt. Brown Oil Co.; architect, J. S. Taylor; contractor, F. A. Green.

HOUSES.

Baltimore, Md. — Mary Myers, 4 two-st'y brick buildings, s s Hoffman St., bet. Pennsylvania Ave. and Wilmer Alley; and 3 two-st'y brick buildings, e s Wilmer Alley.

Frederick Adams & Co., 9 two-st'y brick buildings, w s Bond St., beg. s w cor. Federal St.

Virginia Paine, four-st'y brick building, w s Eutaw St., bet. Little Monument and St. Mary's Sts.

Harker & Allard, 4 three-st'y brick buildings, w s Caroline St., bet. Oliver and Federal Sts.

Jno. Madden, 4 three-st'y brick buildings, e s Patterson Park Ave., n Baltimore St.; and 4 two-st'y brick buildings in rear, on Bradford Alley.

Boston, Mass.— *Laurel St., No.* 28, Ward 21, three-st'y frame dwell., flat roof, 21′ 10″ x 46′; owner, K. D. Burke; builder, John Bass.

Cedar St., Nos. 133-143, Ward 21, 5 three-st'y frame dwells., flat roof, abt. 25′ x 76′; owner, Jacob Goldsmith; builder, La Blanche.

Bigelow St., cor. Webster St., Ward 25, frame dwell., 31′ x 36′; owner, Miss E. F. Bisbee; builder, G. W. Trefren.

Hancock St., No. 110, Ward 24, frame dwell., 20′ x 39′; owner, A. P. Wheelock.

Tileston Ave., junction Mattapan St., Ward 24, frame dwell., 20′ x 28′; owners, J. Durham; builders, J. H. Burt & Co.

Ocean St., near Welles Ave., Ward 24, frame dwell., 25′ 6″ x 43′ 9″; owner, J. W. Brigham; builder, T. Rice.

Kittredge St., near Washington St., Ward 23, frame dwell., 20′ x 48′; owner, Charles Hess; builder, A. Rogers.

Savin Hill Ave., No. 240, Ward 24, frame dwell., 32′ x 44′ 6″; owner, J. H. Ware; builders, Berry & Watson.

Sawyer Ave., opp. Cushing Ave., Ward 24, frame dwell., 27′ 3″ x 40′; owner, W. F. Kakas; builder, A. D. Gould.

Boutwell Ave., near Neponset Ave., Ward 24, frame dwell., 28′ x 31′; owner, H. B. Blackwell; builders, J. A. Vickery & Son.

West Newton St., Nos. 216-218, Ward 18, 2 four-st'y brick dwells., 20′ 99″ x 46′; owners, S. B. Langmaid heirs; builder, F. G. Heath.

Bellevue Terrace, near Quincy St., Ward 24, frame dwell., 30′ 10″ x 33′ 11″; owner, W. B. Allbright; builder, J. G. Allbright.

Highland St., No. 194, Ward 21, four-st'y frame dwell., pitch roof, 25′ x 43′; owner, H. Schmidt; builder, W. Tobin.

Princeton St., No. 271, Ward 1, three-st'y frame dwell., flat roof, 21′ x 58′; owner, W. Fletcher; builder, C. Lowe.

Lamartine St., near Boylston St., Ward 23, 2 three-st'y frame dwells., pitch roofs, 25′ x 38′; owner, Conrad Decker; builder, T. Riedell.

Brent St., near Washington St., Ward 24, frame dwell., 32′ 6″ x 39′ 6″; owner, A. S. Stafford; builder, R. C. Hurlburt.

Crosby Sq., Call St., near Carolina Ave., Ward 23, frame dwell., 22′ x 31′; owner and builder, Patrick Crosby.

Maverick St., Nos. 195-197, Ward 2, 2 three-st'y frame dwells., flat roofs, 19′ 6″ x 44′; owner, F. L. Smith; builder, J. C. Frame.

Cabot St., Nos. 182-186, Ward 19, 2 three-st'y frame dwells., flat roofs, 21′ 6″ x 51′; owner, J. H. Turner; builder, W. J. Jobling.

Hill St., near opp. Brook St., off Central Ave., Ward 23, frame dwell., 22′ x 30′; owner, V. J. Oberlander; builder, A. Rogers.

Norfolk St., No. 158, cor. Milton Ave., Ward 24, and Milton Ave., Nos. 2-4, three frame dwells., 25′ 3″ x 25′; owner, E. H. Holbrook; builder, W. McLaughlin.

Bill St., near Hancock St., Ward 24, frame dwell., 24′ x 33′; owner, D. F. McCormick; builder, W. J. Jobling.

New Heath St., No. 8, *rear*, Ward 21, three-st'y frame dwell., 25′ x 31′; owner and builder, M. J. O'Brien.

Custer St., cor. Goldsmith St., Ward 23, frame dwell., 23′ x 41′; owner, Martin Craffey; builder, John Gately.

Edgewood St., No. 40, Ward 21, three-st'y frame dwell., flat roof, 26′ 6″ x 58′; owner, Christina Miller; builder, G. Merz.

Spencer St., near Wheatland Ave., Ward 24, frame dwell., 20′ x 42′; owner, Ella R. Laws; builder, A. C. H. Laws.

Baxter St., near C St., Ward 13, three-st'y frame dwell., flat roof, 20′ 4″ x 33′; owner, Michael Welsh; builder, P. T. Hanlon.

Cambridge, Mass.—*North Ave.*, frame dwell., 43′ x 57′ owner, Chas. F. Goodridge; contract to be let; architects, Van Brunt & Howe, Boston and Kansas City; superintending architect, Samuel J. Brown, Boston.

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BUILDING INTELLIGENCE.

Camden, N. J.—*Cherry St.*, w Third St., brick building; owner, C. Sayre.

Stevens St., n s, w Fifth St., five brick dwells.; owner, Wm. Severn.

Cooper St., No. 223, three-st'y brick dwell.; owner, Charles Watson.

Market St., No. 224, three-st'y brick dwell.; owner, M. C. Harden.

Front St., n e cor. Elm St., 11 two-st'y brick dwells.; owner, David Baird.

South Fifth St., No. 702, two-st'y brick dwell.; owner, J. F. Dimond.

Line St., ab. Fourth St., 4 two-st'y brick dwells; owner, James White, Third and Washington Sts.

Line St., No. 332, frame dwell.; owner, Henry F. Geiler.

Tenth and Chestnut Sts., two-st'y frame dwell.; builders, Gifford & Stubbs, 1939 South Sixth St.

Fifth and Division Sts., one-st'y brick dwell.; owner, Jno. Corbett, 915 South Fifth St.

Boston St., ab. Pearl St., 16 two-st'y dwells.; owner, Charles Cox, 826 Federal St.

Chestnut St., No. 1140, two-st'y frame dwell.; owner, Jno. Schaus.

Mount Ephraim Ave., bel. Liberty St., two-st'y brick dwell.; owner, Theo. Witherspoon.

York St., e Fifth St., 10 two-st'y brick dwells.; owner, W. T. Bailey, 203 State St.

Point St., n w cor. York St., four brick dwells.; owners, F. Johnson & Co., 525 Market St.

Cooper St., e Tenth St., seven brick dwells.; owner, Robert Kaighn.

Sycamore St., No. 1158, frame dwell.; owner, Wm. F. Heck, 910 Sycamore St.

Cherry St., e Third St., brick building; owner, C. Sayre.

Van Hook St., cor. Kossuth St., 13 two-st'y brick dwells.; owner, Eli B. Morgan, 309 Kaighns Ave.

Vankirk St., ab. Masten St., two-st'y frame dwell.; builders, Gifford & Stubbs, 1909 South Sixth St.

Atlantic Ave., No. 423, two-st'y brick dwell.; owner, Jno. F. Betz.

Stevens St., rear, w Fifth St., 2 two-st'y brick dwells.; owner, W. Severn.

Mechanic St., ab. Broadway, 3 two-st'y brick dwells.; owners, Sharp & Day, 514 Spruce St.

Sixth St., ab. Van Hook St., 2 two-st'y frame dwells.; owner, J. W. Robbins.

Terry Ave., e Tenth St., one-st'y frame dwell.; owner, William Hays, Mulford St., bel. Central Ave.

Kaighns Ave., e Lewis St., two-st'y brick dwell.; builder, John Matthews.

Main St., Nos. 113-121, four dwells.; owner, Walter Zimmerman, office Camden & Atlantic R. R.

Chicago, Ill.—R. J. Morse, three-st'y dwell., Dearborn Ave.; cost, $6,000; architect, F. E. Faber.

J. A. Farwell, 2 three-st'y dwells., Michigan Ave.; cost, $30,000; architects, Wilson, Marble & Lawson.

C. T. Hood, two-st'y dwell., West Adams St.; cost, $3,500; architects, same as last.

P. Woodward, three-st'y dwell., Bryant Ave.; cost, $6,000; architect, N. S. Devine.

O. Paulson, 3 two-st'y dwells., Fullerton Ave.; cost, $55,000; architect, L. G. Halberg.

M. A. O. Packard, three-st'y dwell., Woodland Pk.; cost, $8,000; architect, W. S. Mathews.

Cincinnati, O.—Mrs. Anna Oncken, two-and-one-half-st'y double dwell., Chapie St.; cost, $6,500; architect, G. W. Drach.

J. F. Romers, three-and-one-half-st'y store and dwell., Kilgour St.; cost, $4,000; architect, A. J. Bast.

R. B. Loth, two dwells., Huntington Pl.; cost, $7,500; architect, G. W. Drach.

D. Callahan, dwell., Webb St.; cost, $3,500; architect, A. J. Bast.

Gus. J. Kosh, dwell., Myrtle Ave.; cost, $7,500; architect, Emil Reuckert.

Detroit, Mich.—John Begeo & Son, two-st'y brick hall and dwell., 784-786 Hastings St.; cost, $6,000.

A. Secor, three frame dwells., 1367-1395-1411 Twelfth St.; cost, $3,600.

Hess & Raseman, three-st'y brick dwell., 61 East High St.; cost, $5,500.

F. W. Claxton & Co., frame dwell., Theodore St.; cost, $3,000.

Dewey & Co., brick dwell., Alexander Ave., e; cost, $3,500.

Kerschner & Co., brick dwell., 77 East Forest Ave.; cost, $5,000.

A. Skinner, double brick dwell., Harrison Ave. cost, $8,000.

Alfred Easter, frame dwell., Grand River Ave.; cost, $3,500.

Monat & Currie, frame dwell., 609 Fourth Ave.; cost, $3,500.

Teakle & Goulding for F. J. Hecker, stone dwell., 1120 Woodward Ave.; cost, $47,000.

Dorchester (Ashmont) Mass.—Two frame dwells.; owner, Herbert S. Carruth; contract to be let; architect, Edwin J. Lewis, Jr., Boston.

Dorchester, Mass.—*Harley St.*, frame dwell., 31′ x 39′; owner, Mrs. Mary S. Hartford; builders, J. McFarland & Son; architect, Edwin J. Lewis, Jr., Boston.

Nizon Ave., frame dwell., 27′ x 42′; owner, Chas. P. Tewsbury; builder, C. C. Blanchard; architect, Edwin J. Lewis, Jr., Boston.

Bowdoin St., frame dwell., 30′ x 45′; owner, Reuben Gleason; builders, Sulis & Wallis; architect, Edwin J. Lewis, Jr., Boston.

Cushing Ave., frame dwell., 30′ x 34′; owner, W. D. Jones; contract to be let; architect, Edwin J. Lewis, Jr., Boston.

Elmwood, Pa.—*Laycock Ave.*, s e cor. Eighty-seventh St., two-st'y frame dwell.; builder, Geo. B. Heath, Eighty-eighth St. and Erving Ave.

Franklin, Mass.—*Dean Ave.*, frame dwell., 32′ x 37′; owners, S. B. & E. N. Thain; contract to be let; architect, S. S. Woodcock, Boston.

Grand Rapids, Mich.—T. F. Richards has let contracts for a stone and red brick dwell.; cost, abt. $11,000; architect, S. J. Osgood.

Gwynedd, Montgomery Co., Pa.—Dwell. for B. M. Ewing, Esq., stone, first story, half timbered, second story; cost, abt. $12,000; architects, Cope & Stewardson, 212 South Third St., Philadelphia.

BUILDING INTELLIGENCE.

Haverford College, Pa.—Two-st'y dwell. for David Scull, Esq., first story to be stone, the second story, plaster and timber; cost, $7,000 or more; architects, Cope & Stewardson, 212 South Third St., Philadelphia.

Little Rock, Ark.—Mrs. M. L. Turner, two-st'y brick veneered dwell.; cost, $4,500; architect, C. L. Thompson.

D. C. Watkins, two-st'y brick veneered dwell.; cost, $7,000; architect, C. L. Thompson.

Merchantville, N. J.—Three-st'y frame dwell. for Mr. Nathan Cowan; cost, $7,000; architects, Cope & Stewardson, 212 South Third St., Philadelphia.

Two-st'y frame and gable cottage, interior hardwood finish; cost, $3,500; architects, Rowe & Dagit, 122 South Second St., Philadelphia.

Minneapolis, Minn.—A. G. Sise, brick dwell., 2644 Colfax Ave.; cost, $6,000.

F. G. McMellan, frame dwell., 901 Fifth St., n e; cost, $7,000.

Mrs. Turnwell, frame dwell., 3112 Colfax Ave.; cost, $3,000.

N. Garman, frame dwell., 3232 Colfax Ave.; cost, $3,000.

Carpenter & Jenkins, block of brick dwells., 1558-1564 Hennipen Ave.; cost, $3,000.

Wm. Bray, frame dwell., 223 West Thirty-third St.; cost, $3,000.

W. M. Numess, frame dwell., 2708 Lindley Ave.; cost, $4,600.

W. McClusky, frame dwell., 1213-1215 Eighth St., s; cost, $4,000.

F. C. Papst, four frame dwells., 3340-3348 Girard Ave.; cost, $14,000.

Mrs. C. Loomis, frame dwell., 2500 Twenty-fourth Ave., s; cost, $3,600.

W. H. Lynn, six brick dwells., 301-305 Fifteenth St., e; cost, $5,000.

H. E. Ladd, stone dwell., 131 Oak Grove St.; cost, $18,000.

Rev. O. A. Wunolson, frame dwell., 1923-1925 Eleventh Ave., s; cost, $5,000.

A. Seigman, frame dwell., Eighth Ave., near Eighteenth St., e; cost, $5,500.

Carl Peterson, four frame dwells., 312-326 Twenty-fifth Ave., n; cost, $12,000.

H. H. Wordsworth, frame dwell., 1374-1376 Spruce Pl.; cost, $14,500.

E. C. Donnell, frame dwell., 1909 Queen Ave.; cost, $3,500.

N. F. Chenever, frame dwell., Twenty-fourth Ave., bet. Polk and Taylor Sts., n e; cost, $5,000.

J. A. Fagan, frame dwell., 1904 Kenwood Boulevard; cost, $6,500.

G. L. Wright, frame dwell., 208 West Twenty-nine-and-one-half St.; cost, $3,000.

Mrs. J. C. Beard, frame dwell., North Nineteenth St.; cost, $5,000.

J. H. Edwards, frame dwell., Forest Ave., bet. Lyndale and Nicollet Aves.; cost, $5,500.

T. P. Healy, frame dwell., 3132 Second Ave., s; cost, $5,000.

A. Holt, frame dwell., 2542 Eighth Ave., s; cost, $3,100.

C. O. Brewster, frame dwell., 1316 Eighteenth Ave., n; cost, $4,000.

F. G. McMillan, frame dwell., Seventh St., bet. Eleventh and Twelfth Aves., s e; cost, $3,000.

N. H. Mann, frame dwell., 1904 Crystal Lake Ave.; cost, $3,500.

W. F. Harwood, frame dwell., 2716 Lindley Ave.; cost, $4,800.

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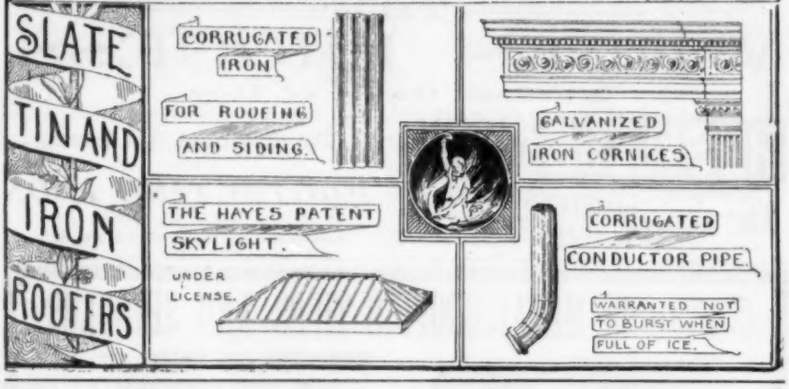

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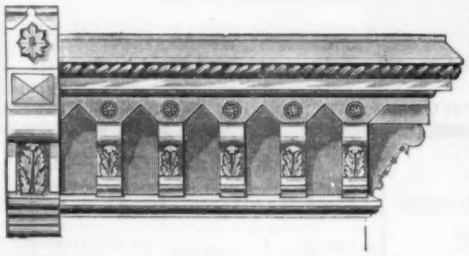

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BUILDING INTELLIGENCE.

W. H. McWatters, frame dwell., Queen Ave., bet. Hawthorne and Laurel Aves.; cost, $4,800.

S. B. Cren, frame dwell., 2935 Park Ave.; cost, $8,000.

Newton Centre, Mass.—*Kimball St.*, frame dwell., 31′ x 40′; owner, H. H. Read; builders, Chas. H. & A. F. Ireland; architect, Samuel J. Brown, Boston.

Newtonville, Mass.—*Walnut St.*, frame dwell., 58′ x 64′, hardwood finish, plate-glass, etc.; owner, Mrs. R. B. Sherman; architect, Samuel J. Brown, Boston; builders, Higginson & Nickerson.

New York, N. Y.—*West Twenty-ninth St., No.* 534, five-st'y brick dwell., tin roof; cost, $14,000; owner, John L. Blair, 191 Tenth Ave.; architect, James W. Cole, 403 West Fifty-first St.

Seventy-eighth St., n s, 250′ e Tenth Ave., 10 three-st'y brick dwells., tin roofs; cost, $130,000; owners, McDonald & Stewart, 58 West Eighty-second St.; architect, H. L. Harris, Temple Ct.

Olney, Pa.—*Olney St.*, cor. Newtown R. R., two-st'y frame dwell.; owner, Elizabeth Fox, 318 Indiana Ave.

Overbrook, Pa.—Cope & Stewardson are the architects of a dwell.; cost, $25,000.

Philadelphia, Pa.—*Brunner St.*, s s, w Germantown Ave., 7 two-st'y brick dwells.; owner, John Barrows, 1724 West Juniata St.

Markle St., n w s, w Ridge Ave., two-st'y stone dwell.; owner, Clara Hess, 4005 Ridge Ave., Roxborough, Pa.

Cambridge St., s w cor. Hass St., two-st'y brick dwell.; owner, Jacob Lang, 2208 Columbia Ave.

Chestnut St., n s, e Fifty-sixth St., 9 two-st'y six-room brick dwells.; owner, Joseph H. Carter, 2134 Arch St.

Willow St., e s, s Margaretta St., two-st'y brick dwell.; owner, H. C. Kimball, 133 Plum St.

Pomona Terrace, ab. Washington Ave., 6 two-st'y brick dwells.; owner, Robert Christy, Mower St., Mount Airy.

Sansom St., n s, bet. Thirty-seventh and Thirty-eighth Sts., 3 three-st'y buildings; owner, James A. Bradin, 2015 Sansom St.

Sixty-first St., n e cor. Master St., two-st'y brick dwell.; owner, Geo. W. Steinmetz, 417 North Sixtieth-and-a-half St.

Philadelphia St., No. 2308, two-st'y brick dwell.; owner, Eugene Schmid, 1713 Mascher St.

Cresson St., e s, bet. Spencer and Fisk Sts., stone and brick dwell.; owner, Cornelius C. Lanahan, 3203 Ridge Ave.

Hass St., e s, n Cambria St., two-st'y brick dwell.; owner, James Goodwin, Twenty-second St., n Cambria St.

Delaware St., n s, bet. Twentieth and Twenty-first Sts., 4 two-st'y brick dwells.; owner, William F. Albrecht, 2341 North Twenty-ninth St.

Morton St., No. 5009, one-st'y stone building; owner, John E. Manship, 500 Morton St.

BUILDING INTELLIGENCE.

Frankford Ave., w s, Unity and Sellers St., store and dwell., with iron front; owner, Wilson Milnor, s w cor. Penn and Allen Sts., Frankford.

Fortieth St., e s, from Poplar to Eaglesfort Sts., 13 three-st'y dwells. and store; owners, Merritt & Thornton, Fortieth and Poplar Sts.

Newkirk St., e s, n Thompson St., 23 three-st'y brick dwells.; owner, W. T. B. Roberts, Twenty-ninth and Thompson Sts.

Twenty-eighth St., w s, n Thompson St., 22 brick dwells.; owner, W. T. B. Roberts, Twenty-ninth and Thompson Sts.

Thompson St., s s, e Eightieth St., 14 two-st'y brick dwells.; owner, W. T. B. Roberts, Twenty-ninth and Thompson Sts.

Prospect and Tibbin Sts., 3 three-st'y stone dwells.; owner, Sebastian Landen, Pleason St., Roxborough.

Brunner St., n s, w Germantown Ave., 4 two-st'y brick dwells.; owner, John Barrows, 1724 West Juniata St.

Edgemont St., w s, bet. Worlington and Westmoreland Sts., eight brick dwells.; owner, A. Benner, 3161 Richmond St.

Hope St., w s, n Cumberland St., three-st'y brick dwell.; owner, John Mitchell, 807 West Lehigh Ave.

Ashland Ave., n e s, e Penn St., two-st'y brick dwell.; owner, Mrs. H. Eddleman, 480 Green La.

Roxborough Ave. s e, w Blair St., 2 three-st'y brick dwells.; owner, Mrs. Eddleman, 480 Green La.

Lawrence St., No. 3029, two-st'y brick dwell.; owner, Hugh Hazlett, 1708 North Nineteenth St.

Leithgow St., No. 3028, two-st'y brick dwell.; owner, Hugh Hazlett, 1708 North Nineteenth St.

Germantown Ave., bet. Hertwell and Kensington Aves., brick dwell. and annex; owner, Albemori S. Aimers, Springfield Ave., Chestnut Hill.

Watkins St., s s, w Nineteenth St., 6 two-st'y brick dwells.; owner, John McLaughlin, 656 Bainbridge St.

Willings Ave. and Fifty-first St. two-st'y stone dwell.; owner, William Auld, Sabrige Ave.

Brown St. n s, e Fortieth St., 12 two-st'y brick dwells.; owner, Clarence M. Busch, 504 South Forty-second St.

Union St., w s, ab. Reno St., four brick dwells. and store; owner, Clarence M. Busch, 504 South Forty-second St.

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Union St., w s, n Brown St., six brick dwells.; owner, Clarence M. Busch, 504 South Forty-second St.

Brunner St., s w cor. Wayne St., three-st'y brick dwell.; owner, John Barrows, 1724 West Juniata St.

Clearfield St., s s, w Thirty-fourth St., three-st'y brick dwell.; builders, McLaughlin & McNamara, Clinton St., Nicetown.

Arthur St., s s, e Fox St., two-st'y frame dwell.; builders, McLaughlin & McNamara, Clinton St., Nicetown.

Ontario St., n s, bet. Seventeenth and Eighteenth Sts., 16 two-st'y brick dwells.; owners, Gardiner & Comly, 910 Walnut St.

French St., n s, bet. Twenty-ninth and Thirtieth Sts., 19 two-st'y brick dwells.; owner, Fred. A. Hanby, cor. Thirtieth and Westmont Sts.

Lehigh Ave., No. 2523, e Walker St., two-st'y dwell.; contractor, Thos. Welch, 2560 East Lehigh Ave.

Twenty-second St., w s, s Wharton St., two brick stores and six dwells.; owner, Henry Rankin, 1260 South Twenty-first St.

Tacony St., s s, e Paul St., four brick dwells.; owner, Benjamin Taylor, 4616 Paul St., Frankford.

Dorrance St., Nos. 1330-1332, two-st'y brick dwell. with overhanging bath-rooms; contractors, United States Construction Co., limited, 430 Walnut St.; W. Morris Harrison, Superintendent.

Fairhill St., e s, n Indiana Ave., 4 two-st'y brick dwells.; builder, Chas. J. Myers, 2426 North Sixth St.

Thirty-first St., n Willowgrove Ave., two-st'y stone dwell.; owner, W. C. Mackie.

Twenty-ninth St., s Highland Ave., two-st'y stone dwell.; owner, W. C. Mackie.

Sixty-second and Locust Sts., two-st'y four-room brick dwell. and bath; owner, R. R. Clark, 790 Pennock St.

New Market St., w s, n Laurel St., 4 three-st'y brick dwells.; owner, George E. Burton, 1545 East Montgomery Ave.

Warren St., n s, e Cresson St., 2 two-st'y dwells.; owner, John Hare, Howard St., e of Cresson St.

Forty-eighth St., e s, n Chester Ave., 4 three-st'y semi-detached dwells.; builders, J. E. & A. L. Pennock, 305 Walnut St.

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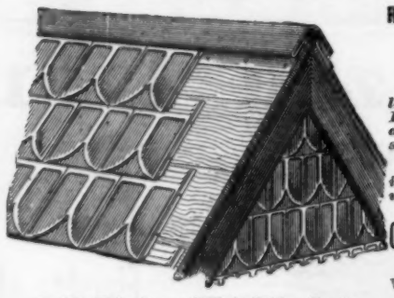

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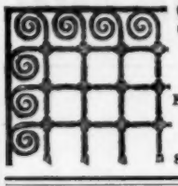

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St. Louis, Mo.—Two-st'y frame dwell.; cost, $2,500; owner, F. Maginnis; contractor, J. W. Havens.

Two-st'y frame dwell.; cost, $3,500; owner, C. J. Jugersen; contractors, J. Flannery & Bro.

Two-st'y frame dwell.; cost, $3,500; owner, Flora R. Haydock; contractors, J. Flannery & Bro.

Two-st'y frame dwell.; cost, $3,500; owner, F. Flannery; contractors, J. Flannery & Bro.

Two-st'y brick dwell.; cost, $3,400; owner, P. Ryan; contractor, L. Mortfeld.

Three-st'y brick dwell.; cost, $2,900; owner, C. Chrishausen; architects, Paulus & Williamson; contractors, Johnson & Brown.

Three two-st'y brick dwells.; cost, each, $3,000; owner and contractor, J. C. Newberry.

Two-st'y brick dwell.; cost, $7,000; owner, Bernard Virden; architect, C. C. Helmers; contractors, Kohlmeyer & Son.

One-st'y and mansard brick dwell.; cost, $2,500; owner, Aug. J. Lang; contractor, J. Mathieson.

Three-st'y brick dwell.; cost, $3,300; owner, G. Brueggemann; contractor, A. Vosse.

Eight adjacent two-st'y brick dwells.; cost, $10,-000; owner, G. Eyermann, Jr.; architect, G. H. Schultz.

Two-st'y and mansard brick dwell.; cost, $5,800; owner, L. Keisker; architect, A. Moushien; contractor, Aug. Fick.

Two-st'y brick dwell.; cost, $4,500; owner, Rosina Gross; architect, J. B. Legg; contractor, T. J. Kelly.

Two-st'y brick dwell.; cost, $5,000; owner, Emily Hoke, architect, A. M. Baker; contractors, Steinmeyer & Sloss.

Villa Nova, Pa.—Lindley Johnson is the architect of two stone dwells.; cost, each, $20,000.

Wynnewood, Pa.—Stone dwell.; cost, from $20,000 to $25,000.

OFFICE-BUILDINGS.

Philadelphia, Pa.—*Chestnut St.*, n s, e Tenth St., eight-st'y fireproof office-building; builders, J. E. & S. P. Pennock, 305 Walnut St.

PUBLIC BUILDINGS.

Cambridge, Mass.—*Broadway, Irving, Trowbridge and Cambridge Sts.*, the Ridge Library, 96′ x 128′, of Dedham granite and brownstone, book-room, fireproof; builder, Lyman D. Willcutt; carving, Evans & Tombs; architects, Van Brunt & Howe; superintending architect, Samuel J. Brown, Boston.

SCHOOL-HOUSES.

Baltimore, Md.—Four-st'y brick building for the Woman's College of Baltimore City, w s Calvert St., n w cor. Fourth St.

Charlestown, Mass.—*Bunker Hill St.*, three and four-st'y brick sixteen-room parochial school, 80′ x 129′, with gallery on fourth floor, and hall and four rooms on third floor; contract to be let; architect, Chas. J. Bateman, Boston.

Cincinnati, O.—Sisters of Charity, academy, Grandin Rd.; cost, $60,000; architect, E. F. Durang.

BUILDING INTELLIGENCE.

East Weymouth, Mass.—Frame school-house, 50′ x 68′; cost, abt. $9,000; builder, I. H. Cushing, South Hingham; architect, S. S. Woodcock, Boston.

Elwyn, Delaware Co., Pa—The Board of Trustees of the I. V. Williamson Free School of the Mechanical Trades resolved on April 26 to invite the following architects to prepare plans for the building, in accordance with I. V. Williamson's will: United States Supervising Architect Jas. H. Windrim, Addison Hutton, Theophilus P. Chandler, Jr., Wilson Bros. & Co., and G. W. & W. D. Hewitt, all of Philadelphia.

Minneapolis, Minn.—Board of Education, brick school-building, cor. Twenty-eighth St. and Clinton Ave.; cost, $33,000.

Board of Education, brick school-building, Twelfth Ave., n, and Girard Ave.; cost, $33,000.

Philadelphia, Pa.—The twenty-second section School Board, at a meeting on April 30, resolved to ask the city councils to appropriate $45,000 for the building of a twelve-division building for grammar school girls on Germantown Ave., ab. Washington La.

Willow Grove Ave. and Thirty-first St., stone school-building; builder, W. C. Mackie, Chestnut Hill.

STABLES.

Boston, Mass.—*Cliff St., No.* 49, cor. Dana St., Ward 21, one-st'y frame stable, pitch roof, 25′ x 30′; owner, A. J. Brown, trustee; builder, R. Scott.

Camden, N. J.—*Haddon Ave. and Carman St.*, brick stable; owner, Geo. A. Matthews, 427 Washington Ave.

Cincinnati, O.—Harley Proctor, two-st'y brick stable, Oak and Burnet Aves.; cost, $8,000; architects, Samuel Hannaford & Sons.

Peter Schaller, two-st'y brick stable, 124-126 Betts St.; cost, $6,000; architect, E. F. Baude.

Minneapolis, Minn.—F. M. Parcher, brick stable, 40 Seventh St., s; cost, $15,000.

Philadelphia, Pa.—*Jasper St., No.* 2818, rear, two-st'y brick stable; owner, W. A. Rowson, 406 East Cambria St.

Rockland St., No. 3414, two-st'y brick stable; owner, Joseph O. Colladay, 3413 Spring Garden St.

Brooklyn St., No. 622, two-st'y brick stable; owner, John McFarland, 612 North Thirty-seventh St.

Mervine St., Nos. 1637-1639, two-st'y brick stable; builders, Haibach & Auchter, Twenty-sixth and Thompson Sts.

Waldon St., Nos. 2703-2705, four-st'y brick stable and workshop; builders, Haibach & Auchter, Twenty-sixth and Thompson Sts.

STORES.

Boston, Mass.—Harvard St. Station, N. Y. & N. E. R. R., frame block of 3 three-st'y stores with dwells. over, 66′ x 49′; owner, Chas. Brandt; contract to be let; architect, Samuel J. Brown.

Tremont St., cor. Culvert St., four-st'y block of brick stores and dwells., flat roof, 15′ x 60′; owner, Morris Casey, contract to be let; architect, Chas. J. Bateman.

Camden, N. J.—*Federal St., No.* 313, brick store; owner, James F. Davis.

Kaighns Ave., Nos. 207-209, brick store and stable; owner, W. S. Thompson, 211 Kaighns Ave.

Kaighns Ave., No. 414, brick store; owner, G. H. Hives, 208 Chestnut St.

North Fifth St., No. 505, two-st'y brick store; owner, W. Young, 507 North Fifth St.

Broadway, No. 242, two brick stores and dwells.; builder, John Matthews.

Chicago, Ill.—E. Olmsted, 3 one-st'y stores, Thirty-first St.; cost, $3,500; architect, L. B. Dixon.

Cincinnati, O.—Henry Herzog, three-and-one-half-st'y brick store and tenement, River Rd.; cost, $5,-200; architects, G. & A. Brink.

Detroit, Mich.—Nutt & Clark, brick block of four stores, hall and flats, 373-379 Chene St.; cost, $8,000.

Minneapolis, Minn.—Frank Morse, brick store and office, 11 Second St., n; cost, $4,000.

E. L. Wright, brick store and flat, 2920-2922 Lindley Ave.; cost, $5,500.

F. W. Chase, brick store, Second St., bet. Hennipen Ave. and First St., n; cost, $5,500.

New York, N. Y.—*Twenty-eighth St.*, s w cor. Fifth Ave., six-st'y brick store, tin roof; cost, $45,000; owner, Joseph Thompson, 256 West Fifty-second St.; architect, John E. Terhune, 695 Broadway.

Bowery, No. 25, five-st'y brick store, tin roof; cost, $18,000; owner, Harris Lyons, *et al.*, 442 West Fifty-seventh St.; architect, William Graul, 210 Bowery.

One Hundredth St., n s, 200′ e Third Ave., five-st'y brick store, tin roof; cost, $35,000; owners, Wilmert & Jarvis, 1808 Third Ave.; architect, John C. Burne, 1531 Third Ave.

Philadelphia, Pa.—*Ninth St.*, s w cor. Columbia Ave., three-st'y brick stores and hall; owner, W. S. Enochs, n w cor. Ninth St. and Columbia Ave.

Arch St., No. 932, w Ninth St., four-st'y brick store; builders, Kister & Orem, 129 South Seventh St.

St. Louis, Mo.—Two-st'y and mansard brick store and dwell.; cost, $3,000; owner, Julius Lederle; contractor, A. H. Haeseler.

Two-st'y brick store and rooms; cost, $2,500; owners, St. Louis Mutual House Building Co., No. 3; contractor, Thos. Knittel.

Two adjacent two-st'y brick stores and flats; cost, $6,000.

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BUILDING INTELLIGENCE.

TENEMENT-HOUSES.

Cincinnati, O.—H. F. Busch & Son, three-and-one-half-st'y tenement, 490-492 Vine St.; cost, $4,000; architect, Ristler.

P. Reuhlman, two-and-one-half-st'y brick tenement, Springrove Ave.; cost, $4,000; architects, G. & A. Brink.

Herman Lackman, two-and-one-half-st'y brick tenement, Neare St.; cost, $10,000; architects, G. & A. Brink.

Frank Kinker, four-st'y tenement, 73 Pendleton St.; cost, $6,500; architect, J. B. Steinkamp.

Geo. Rabenstein, four-st'y brick tenement, 633-635 Vine St.; cost, $10,100; architects, G. & A. Brink.

Minneapolis, Minn.—D. D. McDonell, brick tenement, 40 Seventy-eighth St., s; cost, $15,000.

W. Van Slycke, frame tenement, Fourth St. and Twenty-sixth Ave., n; cost, $3,500.

Archun Lech, three-st'y tenement, Fifteenth Ave., s Chicago Ave.; cost, $18,000.

M. Coonradt, brick tenement, Jackson St. and Twenty-fifth Ave., n e; cost, $23,000.

C. C. Taylor, brick tenement, 18 Eighty-second St., s Seventh St; cost, $18,000.

Isaac Weit, four-st'y tenement, 21 Washington Ave., n; cost, $12,000.

New York, N. Y.—*West Twenty-eighth St., No.* 521, four-st'y brick tenement, tin roof; cost, $12,000; owner, Patrick Garvey, 519 West Twenty-eight St.; architect, James W. Cole, 403 West Fifteenth St.

East One Hundred and Fiftieth St., No. 610, five-st'y brick tenement, tin roof; cost, $9,000; owner, Edward Higgins, 608 East One Hundred and Fiftieth St.; architects, John B. Snook & Son, 12 Chamber St.

Ninety-fifth St., s s, 75' e Second Ave., five-st'y brick tenement, tin roof; cost, $14,000; owner, John A. Kelly, 1501 Second Ave.; architect, Edward Wens, 1491 Third Ave.

Eighth Ave., No. 327, five-st'y brick tenement, tin roof; cost, $18,000; owner, Catharine Schilling, 327 East Eighth St.

St. Louis, Mo.—Tenement; cost, $3,100; owner and contractor, M. B. Scanlon.

Tenement; cost, $2,600; owner, H. Greve; contractor, Wm. Kirkseck.

Two-st'y brick tenement; cost, $2,500; owner, H. F. Kleycamp; contractor, H. Schulte.

THEATRES.

Chester, Pa.—Brick theatre and market-house; cost, $20,000; owner, J. C. Kepner, Esq.; architects, Rowe & Dagit.

WAREHOUSES.

Chicago, Ill.—P. Terwilliger, five-st'y warehouse, Clinton St.; cost, $20,000; architect, C. L. Stiles.

Minneapolis, Minn.—L. M. Menage, frame warehouse, cor. First Ave., n Commerce St.; cost, $20,000.

MISCELLANEOUS.

Brooklyn, N. Y.—Wm. H. Beers, architect, *Tribune* Building, New York, has commenced to build for Geo. S. Wheeler, Esq., a two-st'y infirmary for Hanshew Bros., veterinary surgeons, 318-320 Warren St.; cost, $6,500; builders, Wm. J. Moran and Morris & Selover.

Camden, N. J.—During April the City Clerk issued permits for the building or alteration of 135 buildings, viz., 4 one-st'y brick buildings, 64 two-st'y brick dwells., 6 three-st'y brick dwells., 3 one-st'y frame dwells., 8 two-st'y frame dwells., frame stable, two brick stables, two signal towers, 45 alterations, sheds, additions, etc.

Broadway, No. 1121, one-st'y brick photographing building; owner, John Lawrenson.

Eighth St. and Central Ave., one-st'y frame photographing building; owner, James E. Hall.

Federal St., e Twelfth St., one-st'y frame storage building; owner, Wm. Bleakly, 316 State St.

Kearney, Neb.—Architects are preparing plans for a bank-building; cost, $25,000; owners, Michvay Loan and Trust Co.

Little Rock, Ark.—Fire Department, two-st'y brick engine-house; cost, $3,000; architect, Fred. J. H. Rickon.

Minneapolis, Minn.—Minneapolis Base Ball Association, frame stand, First Ave., n, and Fifth St.; cost, $4,800.

Nelson-Tenney Co., dry kiln, Van Buren St. and Twelfth Ave., n e; cost, $3,500.

New York, N. Y.—*Seventy-third St.*, the Jones Memorial Industrial Home is to be built for the C. A.; architects, Vaux & Radford.

Philadelphia, Pa.—*Twenty-first and Locust Sts.*, Indiana limestone, Pompeian brick and terra-cotta front; owner, Jas. J. Miller, Esq.; architects, Rowe & Dagit.

COMPETITION.

MUNICIPAL BUILDINGS.
[At New York, N. Y.]

NEW YORK, N. Y., April 22, 1889.

NOTICE TO ARCHITECTS.

In accordance with the provisions of Chapter 371 of the Laws of 1887, entitled "An act to provide for the erection of a building for criminal courts and other purposes in the city of New York," the Commissioners of the Sinking Fund will receive plans, specifications and estimates of cost **until the 20th day of June, 1889,** for the building provided for in the said act, to be erected on the block bounded by Centre and Elm and White and Franklin Streets.

The plans, estimates and specifications to be submitted are described in a paper entitled "Instructions to Architects," which can be obtained on application at the Comptroller's office.

These "Instructions" will also contain a diagram of the plot on which the building is to be erected, showing location, dimensions, etc.

The architect whose plan, estimate and specification shall be approved and accepted by the Commissioners will be appointed architect for the construction of the building, and be paid for his services in superintending the work the fees prescribed by the American Institute of Architects, provided his standing is such as to guarantee a faithful discharge of his duties.

Each set of plans, estimates and specifications submitted shall be marked with such assumed designation as the architect may select, provided there shall be filed with the Mayor a sealed envelope giving the real name of the competitor, which will not be opened until the selection shall have been made.

THEO. W. MYERS, Comptroller,
WALTON STORM, Chairman Finance Committee, Board of Aldermen.
} Committee Commissioners of the Sinking Fund.

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PROPOSALS.

CHAPEL AND BARN.
[At Xenia, O.]

OFFICE OF THE SUPERINTENDENT, OHIO SOLDIERS' AND SAILORS' ORPHANS' HOME, XENIA, O., April 29, 1889.

Sealed proposals will be received at the office of the Superintendent of the Ohio Soldiers' and Sailors' Orphans' Home, near Xenia, O., **up to 12 o'clock (noon) of the 28th day of May, 1889,** for performing the labor and furnishing the materials necessary for enlarging the chapel at said Home, in accordance with plans and specifications on file in this office, to be open for public inspection from and after May 4, to May 28, 1889, inclusive.

Separate and distinct proposals to be made for each separate and distinct kind of labor necessary in doing the work.

Also, at the same time and place, sealed proposals will be received for performing the labor and furnishing the materials necessary to the erection of a barn according to plans and specifications on file in this office and open for public inspection from and after May 4, to May 28, inclusive, except that said Ohio Soldiers' and Sailors' Orphans' Home has 106,000 (one hundred and six thousand) bricks; forty (40) perch of stone for foundation, and the following bill of lumber:

3,663 ft. Norway.	10 8x8–10.
5,600 ft. white pine.	1 8x8–14.
228 2x8–26.	58 2x6–20.
33 2x12–20.	4 4x6–16.
33 2x12–16.	33 2x4–16.
69 2x12–12.	16 2x8–16.
4 3x4–28.	

Which are to be used in the construction of said barn by the contractor or contractors.

The contractor or contractors to furnish all the labor and all *other* materials except the above *specified* materials, necessary to the erection of said barn.

Separate and distinct bids to be made for each separate and distinct trade and kind of labor necessary in doing the work.

Bids must be accompanied by a bond of the proposer with sufficient sureties conditioned that if the proposal be accepted the party proposing will enter into a proper contract, and faithfully perform his or their contract or contracts in accordance with said proposal and the plan or plans, specifications and descriptions which are a part of such contract or contracts.

All bids must be addressed to the undersigned and indorsed "Proposals for Enlarging Chapel and Building Barn."

NOAH THOMAS,
Superintendent.

May 17, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 7th day of June, 1889, for all the labor and materials required to fix in place complete a low pressure, return-circulation, steam-heating and ventilating apparatus for the Court-House, Post-Office, etc., building at Oshkosh, Wis., in accordance with the drawings and specification, copies of which may be had on application at this office and the office of the Superintendent. The drawings and specification may be seen at the Builders' and Traders' Exchange, Chicago, Ill. Each bid must be accompanied by a certified

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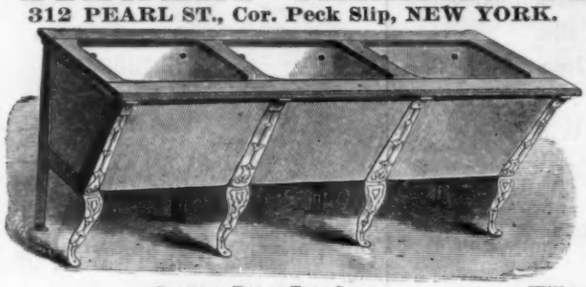

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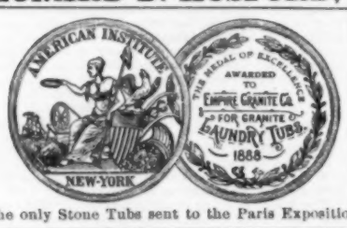

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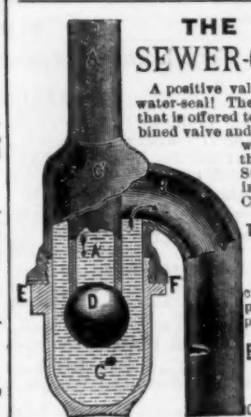

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PROPOSALS.

check for $500, drawn to the order of the Treasurer of the United States. JAMES H. WINDRIM, Supervising Architect. 700

May 17, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 7th day of June, 1889, for the alterations and repairs required in the United States Custom-House building at Cleveland, O., in accordance with the drawings and specifications, copies of which may be had on application at this office and the office of the Superintendent. The drawings and specification may be seen at the Builders' and Traders' Exchange, Chicago, Ill. Each bid must be accompanied by a certified check for $500, drawn to the order of the Treasurer of the United States. JAMES H. WINDRIM, Supervising Architect. 700

PROPOSALS.

May 17, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 11th day of June, 1889, for the labor and materials required in the erection and completion of the iron roof, etc., for the United States Court-House and Post-Office building at Pittsburgh, Pa., in accordance with the drawings and specification, copies of which may be obtained on application at this office, and the office of the Superintendent. The drawings and specification may also be seen at the Builders' Exchange, Cincinnati, O.; Builders' and Traders' Exchanges at Chicago, Ill., and Louisville, Ky., and Engineers' Society of Western Pennsylvania, Pittsburgh, Pa. Each bid must be accompanied by a certified check for $500. JAMES H. WINDRIM, Supervising Architect. 700

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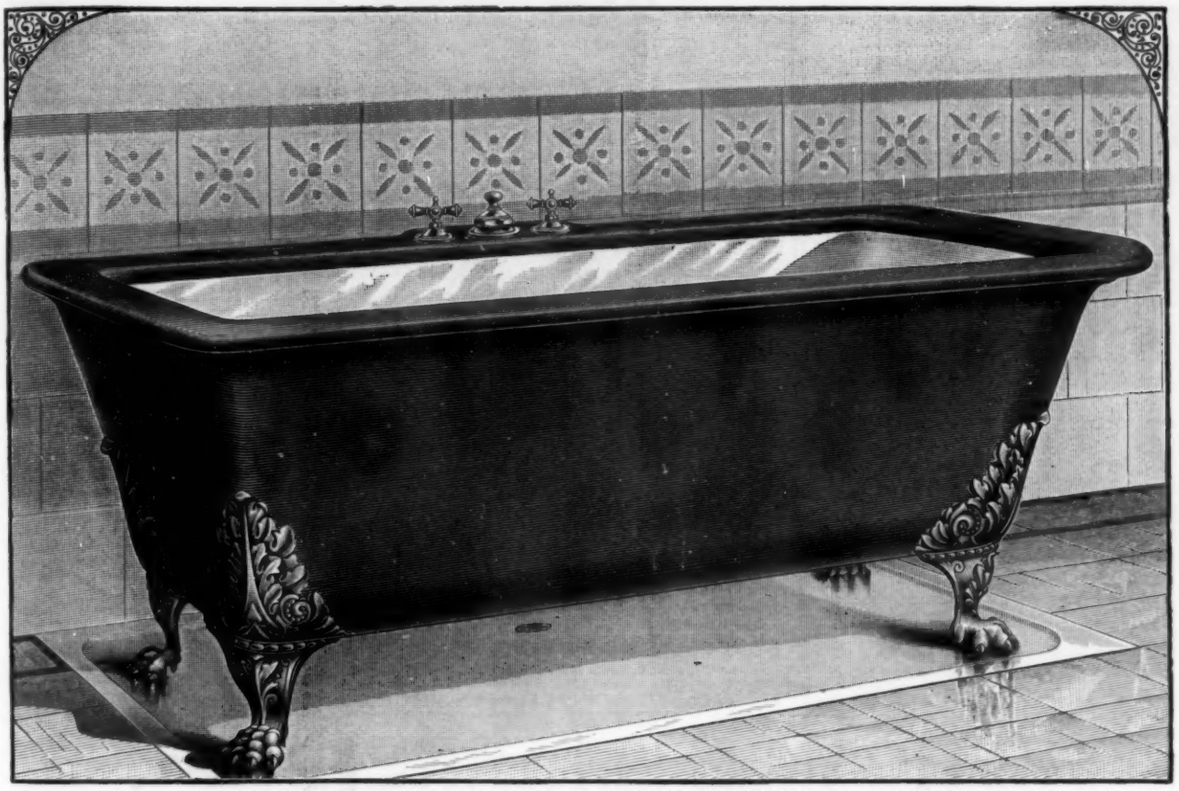

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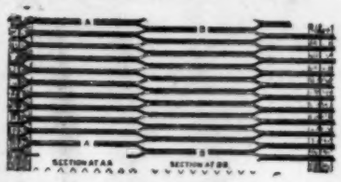

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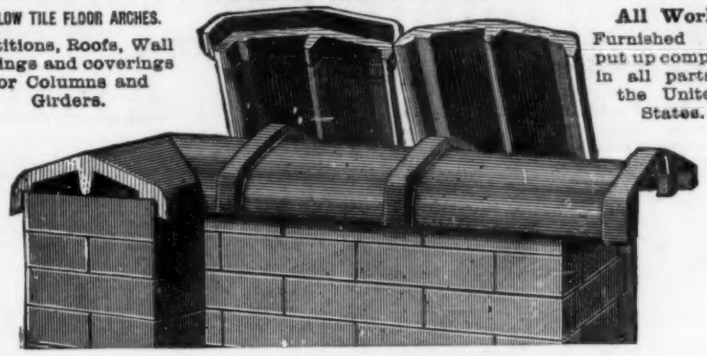

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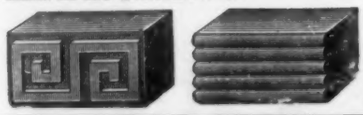

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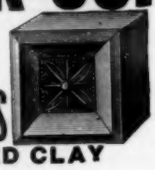

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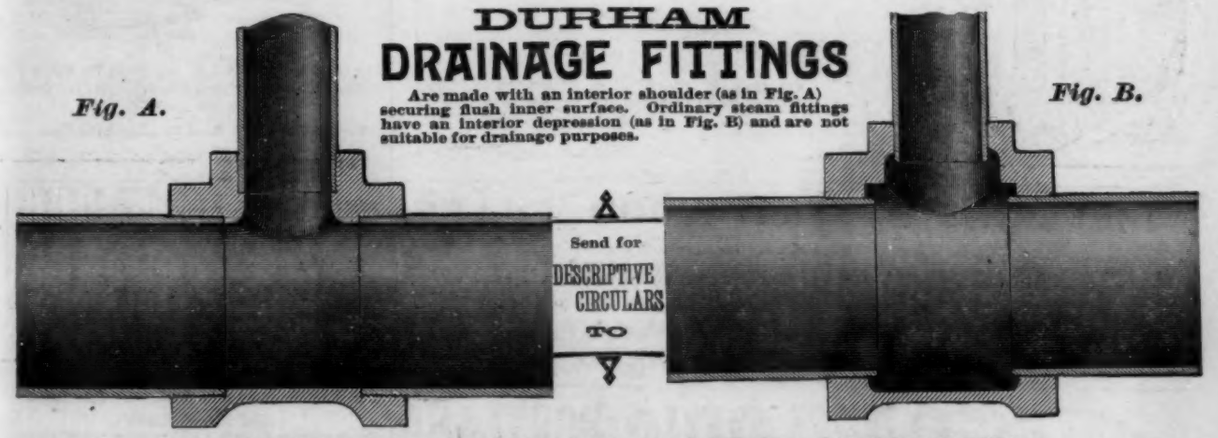

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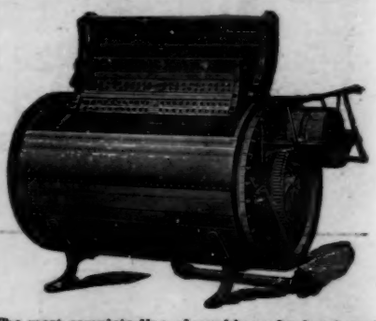

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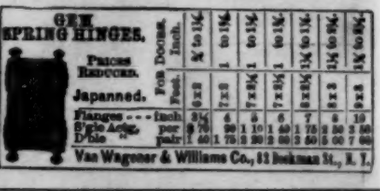

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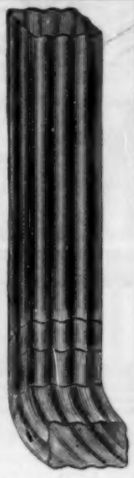

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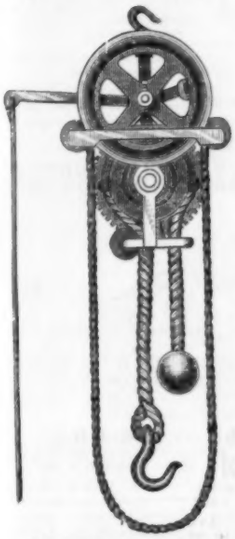

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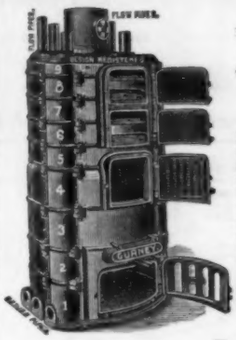

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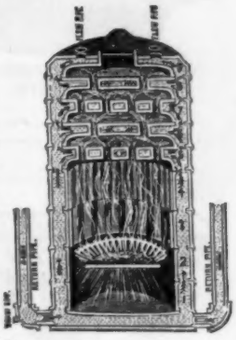

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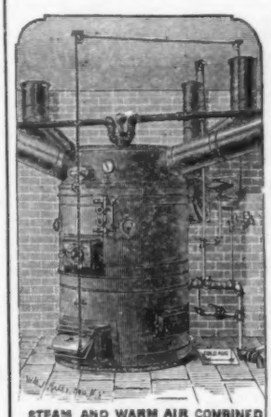

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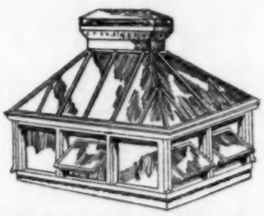

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Boards: (Ordinary dimensions.)				
Pine, 1st quality, clear	65 00 @ 75 00	50 00 @ 60 00	47 00 @ 48 00	55 00 @ 60 00
" 2d quality	55 00 @ 60 00	42 00 @ 50 00	43 00 @ 45 00	40 00 @ 50 50
" 3d quality	18 00 @ 22 00	35 00 @ 40 00	39 00 @ 41 00	15 00 @ 30 00
Spruce	@ 25 00	12 00 @ 25 00	*Not sold.*	20 00 @ 22 00
Hemlock	ea 13½ @ 14	13 00 @ 15 00	@ 11 00	12 00 @ 16 00
Yellow pine	20 @ 40	25 00 @ 35 00	@ 28 00	@ 23 00
Cypress	@	32 00 @ 40 00	@	40 00 @ 45 00
Clapboards:				
Pine	@	33 00 @ 55 00	10 00 @ 21 00	20 00 @ 35 00
Spruce	@	26 00 @ 45 00	*Not sold.*	*Not Sold.*
Framing Timber:				
Pine			14 00 @ 15 30	25 00 @ 30 00
Spruce	14 00 @ 18 00	15 00 @ 18 00	*Not sold.*	16 00 @ 20 00
Hemlock	12 00 @ 16 00	12 50 @ 15 00	*Not Sold.*	11 00 @ 14 00
Yellow pine	18 00 @ 21 00	24 00 @ 35 00		20 00 @ 25 00
Laths:				
Pine	@	2 25 @ 2 35	@ 2 20	@ 2 50
Spruce	2 25 @ 2 35	2 25 @ 2 50	*Not sold.*	@ 2 25
Shingles:				
Pine, shaved ₱ M	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed " "	4 00 @ 5 00	@ 4 50	2 35 @ 2 60	
Spruce, sawed " "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood ₱ 125	1 40 @ 1 60	3 75 @ 4 00	6 50 @ 8 00	(30" $35 @ 40
Cedar, split ₱ M		@	*Not sold.*	24" 8 @ 21
Cedar, sawed " "		2 00 @ 4 00	2 20 @ 2 45	(20" 35 @ 14
Cypress. Split....7 x 26. "	18 00 @ 20 00	5 00 @ 6 00	3 75 @ 4 25	11 00 @ 14 00
Miscellaneous:				
Piles ₱ ft.	4½ @ 5½	Piles &c. ₱ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	40 @ 1 25
Chestnut "	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: ₱ M. (First Qual.				
Ash [Kiln dried.]	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	45 00
Cherry	80 00 @ 120 00	65 00 @ 120 00	80 00 @ 110 00	75 00 @ 80 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 5500	70 00 @ 80 00
Hard-pine floors (rift)		48 00 @ 50 00		
Mahogany, Baywood [Mexican]	@ 180 00	150 00 @ 180 00	150 00 @ 180 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 300 00	220 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	25 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	35 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 80 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 45 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	45 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ₱ lb	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		30 00 @ 32 00		
Walnut, black	125 00 @ 150 00	85 00 @ 120 00	80 00 @ 110 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	30 00 @ 35 00	25 00 @ 40 00
Yellow pine ₱ M	@ 45 00	40 00 @ 42 00	30 00 @ 35 50	27 50 @ 45 00

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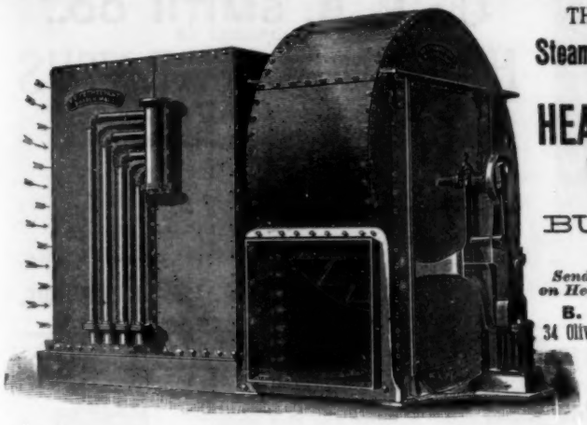
Pale	3 25 @ 3 75	Eastern	Building Brick	Sq. Hard @ 12 00
Jersey	5 50 @ 6 00	8 50 @ 9 00	6 50 @ 7 00	" @ 9 0
Long Island	@	Bay State Hard		Salm'n @
Up River	5 75 @ 6 25	9 00		Sq. " @ 9 00
Haverstraw Bay 2nd	6 25 @ 6 50	Domestic Com.	Indiana Pressed	Light Stretchers @ 12 00
" 1st	6 75 @ 7 00	9 50 @ 10 00	16 00 @ 22 00	Medium "
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	@ 14 00
Fronts		20 00 @ 22 00	@ 27 00	Red "
Croton, Brown	14 00 @ 15 00	Philadelphia		@ 15 00
" dark	15 00 @ 16 00	40 00 @ 45 00		Dark "
" red	15 00 @ 16 00	Phila. mould		@ 15 00
Chicago pressed (Anderson)		50 00 @ 80 00		Pressed
Chicago Moulded				22 00 @ 25 00
Baltimore	37 00 @ 41 00	Anderson	18 00 @ 27 00	Best Paving
Philadelphia	27 00 @ 28 00	14 00 @ 32 00	65 00 @ 550 00	@ 16 00
Trenton	@ 27 00		@ 55 00	Second "
Milwaukee			45 00 @ 50 00	@ 14 00
Moulded:			45 00 @	Third "
Glens Falls Red Pressed	@ 27 00		25 00 @	@ 13 00
" " Buff "	@ 30 00		60 00 @ 100 00	
" " Moulded Red & Buff	45 00 @ 70 00		30 @	
Enamelled: *Imp.*			35 @	
Enamelled (edge.)	85 00 @ 100 00		55 00 @ 65 00	
Enamelled (edge and end)	90 00 @ 115 00			Dom. @ 65
CEMENT, LIME, etc. — (₱ *cask.*)			@ 100 00	@ 85
Rosendale Cement	@ 1 10	@ 1 40	@ 120 00	
Louisville "			*Not Sold.*	
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	*Not sold.*	1 05 @ 1 30	1 30 @ 1 50
Portland, English (Gibbs)	2 50 @ 3 00	@ 3 00	1 00 @ 1 25	B & S.E. 275 @ 300
" " (K. B. & S.)	2 50 @ 3 00	@ 2 85	2 75 @ 3 25	2 85 @ 3 25
" " Black Cross	2 25 @ 2 50	@ 2 85	3 00 @ 3 25	2 85 @ 3 15
" " (Burham)	2 50 @ 2 80	@ 2 85	3 00 @ 3 25	2 75 @ 3 00
" " (White's)	2 65 @ 3 00	@ 2 85	2 90 @ 3 15	2 85 @ 3 15
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 00 @ 3 25	2 50 @ 2 75
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	3 75 @ 4 25	
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 00 @ 3 25	Hemmoor
" " (Vorwohler)	2 50 @ 2 90		2 80 @ 3 15	2 50 @ 2 75
" " (Lagerdofer)		*Not sold.*	2 80 @ 3 15	Josson
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	2 75 @ 3 00	2 50 @ 2 75
" " (Hanover)	2 50 @ 3 00		3 25 @ 3 50	2 85 @ 3 25
" " Stettin, (Anchor)	2 35 @ 2 85		*Not Sold.*	2 75 @ 3 00
" American (Saylor's)	2 15 @ 2 45		*Not Sold.*	
Roman	2 75 @ 3 00	2 15 @ 2 50	2 75 @ 3 00	2 80 @ 2 75
Keene's coarse	5 75 @ 6 50	@ 3 20	2 75 @ 3 25	3 00 @ 3 50
" superfine	9 25 @ 10 25	@ 6 00	7 00 @ 7 50	6 50 @ 7 00
Lime:		@ 11 50	11 00 @ 12 00	8 00 @ 9 00
Lime of Tell	3 50 @ 4 00			
Hydraulic Lime	@ 1 45		*Not sold.*	White Lime
Chicago Lime in bulk		@ 1 35		25 @ 30 ₱ bush
Wisconsin "		St. John 1 00	55 @	White Mass
Rockland and Rockport, (Com.)	@ 1 00		60 @	@ 1 25 @ 150
Rockland and Rockport, finish	@ 1 20	@ 1 05	*Not sold.*	1 00 @ 1 00
Kelley Island Lime, finish	@ 1 20	@ 1 10	*Not sold.*	
State, com. cargo rates (nom.)	@ 85	@ 1 20	1 00 bulk, 75c.	
State, finishing "	@ 1 10	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined.)	1 20 @ 1 25	*Not sold.*	*Not sold.*	*Not sold*
" (casting)	1 30 @ 1 35	1 85 @ 2 00	1 85 @ 1 90	1 25 @ 2 25
Hair (Cattle) ₱ bush	18 @ 21	2 25 @ 2 25	1 85 @ 1 90	1 75 @ 2 50
" (Goat)	25 @ 28	25 @ 30	30 @ 25	22 @ 30
Sand, ₱ load	1 00 @ 1 25	@ 50	30 @ 55	30 @ 35
STONE. (₱ *cubic foot, rough.*)		1 75 @ 1 90	@ 60	@ 1 50
Granite: (*Maine*)	@ 60			
Limestone:		@ 60		55 @ 65
Bedford	45 @ 1 25			
Joliet	@ 1 00	95 @ 1 00	50 @	75 @ 90
Lemont			35 @ 55	Richmond
Serpentine			35 @ 60	75 @ 1 50
			@ 1 00	4 50 ₱ Perch



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Foundation:				
Dimension		5 00 ℔ ton	20 @	@ 5 00
Block		4 60 ℔ perch		Conshocken
Rubble		1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ sq. ft.)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed	50 @ 6 00	75	50 @ 1 00	37 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		} 95 @ 1 10
Kibbe	@ 90	90 @ 1 10		
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	} 55 @ 1 00
Berea } Ohio	75 @ 1 00	80 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 4
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 00 @ 1 1
Chem	@	@ 2 00	"	1 25 @ 1 5
Carlisle. English	@ 1 05	80 @ 90		95 @ 1 1
Corse Hill (Scotch)	1 05			
Marble (℔ cu. ft.				
Lee, Mass	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and Blue		@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black		2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined		50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna		3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red		1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville		85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue		@	*Not sold.*	2 00 @ 3 00
Vermont, white		1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ square)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 12	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
" " Chapmans	— —	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am. ℔ M.	@		*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil*, ℔ *lb.*)				
White lead, Am.	7 @ 7½	7 @ 7½	6½ @ 7	@ 7
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am.,	6½ @ 7	7 @ 7½	6½ @ 7½	@ 7
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. @ 65
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	@ 12
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" @ 18
Black, lamp,	15 @ 25	15 @ 25	8 @ 30	@ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw) (℔ gal.)	56 @ 58	59 @ 60	59 @ 66	@ 58
" " boiled	59 @ 61	62 @ 63	62 @ 63	@ 60
Turpentine	40 @ 41	40 @ 43	45 @ 50	@ 54
Varnish, coach		1 50 @ 6 00	1 25 @ 2 00	@ 275
Shellac		2 50 @ 3 00	2 25 @ 4 00	@ 3 25
Putty	2 @	2 @ 4	02½ @	@ 2
Whiting (℔ dry)	75 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.)	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Litharge, Am	5½ @ 6	5½ @ 6½	6½ @ 7½	@ 7
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	@ 14
Umber, "	14 @ 20	14 @ 20	2 @ 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85		2 05 @	pr kg @ 2 10
10d. common	@ 2 60	@ 2 15	@ 2 15	@ 2 10
Shingle	@ 3 35	@ 2 65	@ 2 65	@ 2 40
Lath	@ 4 85	@ 3 65	@ 3 55	3 00 @ 3 50
Finishing nails according to size.			Add .85 to $1.15	per ℔ 11 @ 14
(*For casing nails add 75c. per keg.*)			" .50 to .90	Add pr cask
Butts: 4" x 4" (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 44
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Ball Tip, Boston Finish. ℔ pair.	@ 65	@ 50	*Not sold.*	48 @ 50
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Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hemacite	*Not sold*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
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Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 4 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 %	22 50 @ 35
Sheet Lead		@ 6½		12 @ 13½
Lead Pipe		@ 5½		6 @ 6½
Iron:				
I-Beams, up to and including 30 ft.	3 3-10 @ 3½	2 8-10 3½	@ 4	@ 2 8-10
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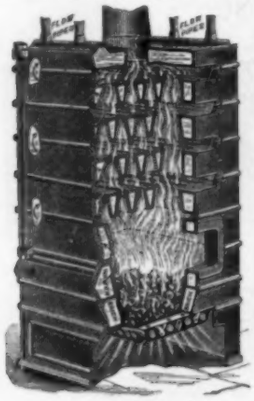

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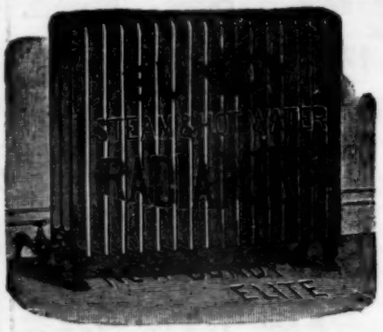

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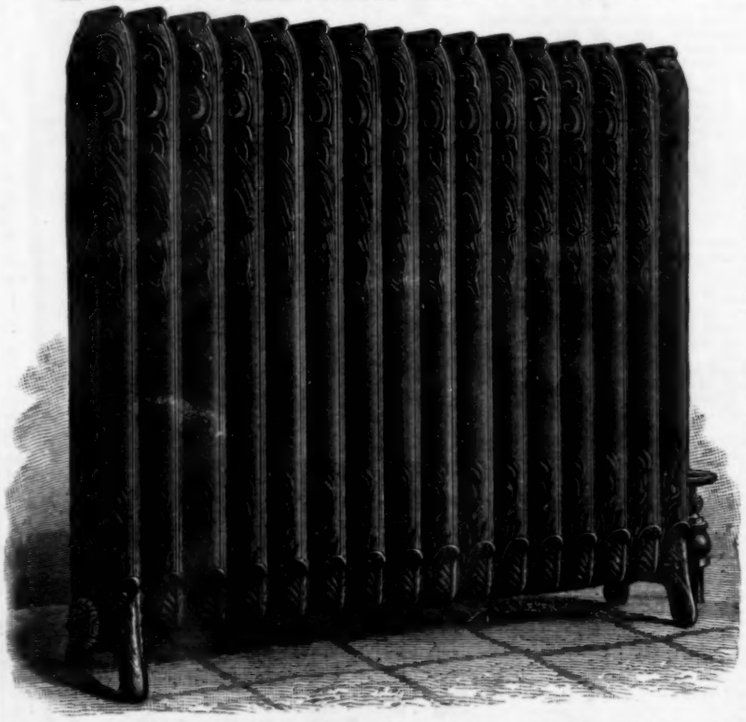

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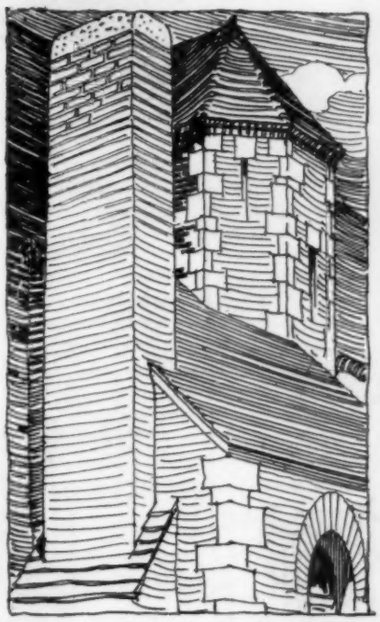

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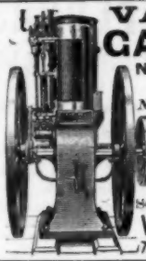

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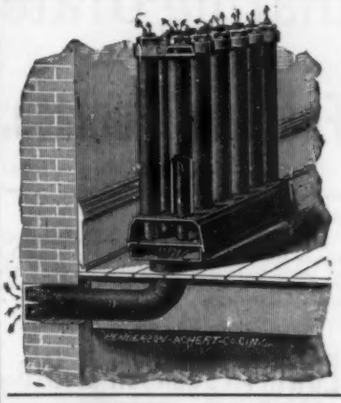

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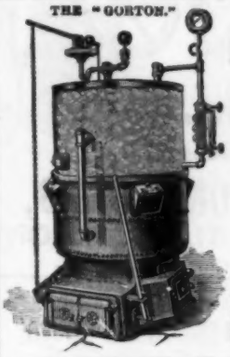

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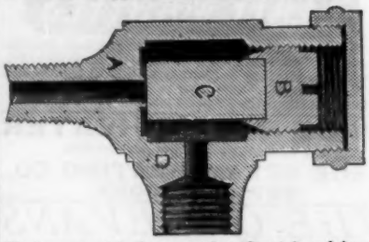

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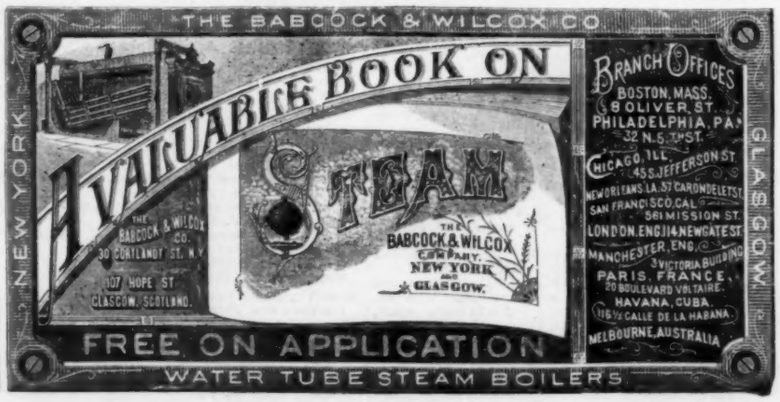

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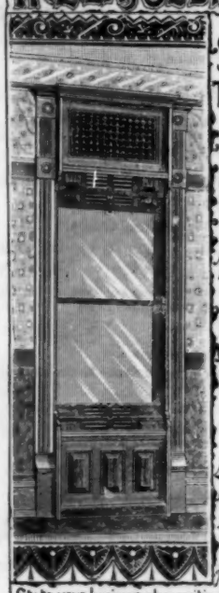

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Boston, Mass.—*Causeway St., No.* 125, cor. Canal St., Ward 7, brick addition to Eastern Hotel; owner, W. G. Means.

Billerica St., No. 2, Ward 8, additions and alterations to brick dwell.; owner, G. E. Holden estate; builder, J. McGaw.

Unnamed Place, off Oakdale St., No. 8, Ward 23, remodel frame dwell.; owner, A. Talbot estate; builder, G. A. Cahill.

Camden, N. J.—*Nineteenth St.*, e s, ab. Reed St., two-st'y annex to chapel of Jackson Methodist Church; builder, Levi Miller, 1704 Morris St.

Chicago, Ill.—W. H. Winslow, three-st'y addition to factory, Carroll Ave.; cost, $4,200; architect, T. Burns.

Cincinnati, O.—E. T. Lee, one-and-one-half-st'y addition to frame dwell., Auburn Ave.; cost, $4,500; architect, M. Douglas.

Detroit, Mich.—Hess & Raseman, addition to brick dwell., 484 Jefferson Ave.; cost, $4,000.

Flewelling Building Co., additions to dwell., 57 High St.; cost, $6,000.

Philadelphia, Pa.—*North Seventh St., Nos.* 1827-1829, alterations to old buildings; owner, Jno. Foreman, 815 North Fifteenth St.

South Tenth St., No. 918, new front; owner, Lewis Mangiabetto, 621 Baker St.

North Twenty-second St., No. 2025, two-st'y double bay-window; owner, Robert Buchanan, 2025 North Twenty-second St.

West York St., No. 593, three-st'y brick front to dwell.; contractors, Mercer & Gogir, 1525 Parrish St.

Locust St., No. 1951, two-st'y kitchen, mansard roof; owners, Doan & Biles, 1728 St. Joseph's Ave.

Tenth Ave., n w cor. Wharton St., additions and alterations to a three-st'y brick dwell., bay windows, etc., and a new two-st'y brick stable in rear; owner, Jno. McDonnel, 1164 South Thirteenth St.

Eighteenth St. and Washington Ave., two-st'y brick addition to factory; owner, N. Kennedy, 1134 South Fifteenth St.

North Eighth St., No. 136, alterations to store; owner, Charles M. Lam, 619 Commerce St.

Marshall St., w s, bet. Indiana Ave., two-st'y brick addition to factory; owner, Daniel Adams, 1961 North Ninth St.

Toledo, O.—Remodelling and adding two stories to "The Jefferson;" cost, abt. $10,000; architects, E. O. Fallis & Co.

APARTMENT-HOUSES.

Chicago, Ill.—G. W. Hoffman, four-st'y apartment, Thirty-seventh St.; cost, $40,000; architects, Thomas & Rapp.

A. L. Jaeschke, 2 four-st'y flats, Ohio St.; cost, $14,000; architect, E. R. Krause.

P. A. Berg, three-st'y flats, Temple St.; cost, $5,000; architect, J. Otter.

C. P. Coggeshall, two-st'y flats, Chicago Ave.; cost, $4,000; architects, Dewey & Newberry.

F. Bell, four-st'y flats, West Indiana St.; cost, $12,000; architect, H. Sirks.

Mrs. E. Smith, two-st'y flats, Wilcox Ave.; cost, $4,000; architect, H. G. Park.

M. Reilly, three-st'y flats, West Twelfth St.; cost, $5,000; architect, H. Hildigen.

A. Peltz, three-st'y flats, North Wood St.; cost, $3,000; architect, H. Worthmann.

H. S. Mitchell, two-st'y flats, Warren Ave.; cost, $3,000; architect, W. Longhurst.

K. Marsinkoski, two-st'y flats, Fay St.; cost, $2,700; architect, A. A. Rodivick.

D. McDowell, two-st'y flats, Ogden Ave.; cost, $3,000; architect, A. Forest.

J. Hulgreen, four-st'y flats, Townsend St.; cost, $7,500; architects, Ostling Bros.

E. F. Shaw, two-st'y flats, Spence St.; cost, $3,000; architect, W. J. B. Hunter.

F. Kreiza, three-st'y flats, West Eighteenth St.; cost, $6,000; architect, J. Krivanek.

M. C. Bernsted, two-st'y flats, West Ohio St.; cost, $3,500; architect, W. Bosker.

C. Schmidt, two-st'y flats, Deering St.; cost, $5,500; architects, J. F. & J. P. Doerr.

C. Kapp, two-st'y flats, North Paulina St.; cost, $3,800; architect, A. J. F. Pott.

D. Davis, two-st'y flats, Kramer St.; cost, $4,000; architect, R. Roe, Jr.

W. Wells, two-st'y flats, Flournoy St.; cost, $4,500; architect, J. McGrath.

J. Jevsen, owner and architect, two-st'y flats, North Oakley St.; cost, $4,000.

E. E. Gray, four-st'y flats, Indiana Ave.; cost, $8,000; architects, Treat & Foltz.

New York, N. Y.—*Fifth Ave.*, w s, 25′ 5″ n One Hundred and Thirty fifth St., 3 five-st'y brick flats, tin roofs; cost, $60,000; owner, John W. Haaren, 2369 Eighth Ave.; architect, John C. Burne, 1531 Third Ave.

One Hundred and Thirty-fifth St., n s, 84′ w Fifth Ave., five-st'y brick flat, tin roof; cost, $20,000; owner, John W. Haaren, 2369 Eighth Ave.; architect, John C. Burne, 1531 Third Ave.

Fifth Ave., n w cor. One Hundred and Thirty-fifth St., five-st'y brick flat, tin roof; cost, $25,000; owner, John W. Haaren, 2369 Eighth Ave.; architect, John C. Burne, 1531 Third Ave.

Madison Ave., s w cor. One Hundred and Sixteenth St., 5 five-st'y brick flats, tin roofs; cost, $135,000; owner, John H. Wellwood, Williams Bridge, N. Y.; architect, Rich. R. Davis, 247 West One Hundred and Twenty-fifth St.

Ninth Ave., No. 206, five-st'y brick flat, tin roof; cost, $16,000; owner, Margaret L. De Stuere, Paris, Fr.; architects, Renwick, Aspinwall & Russell, 71 Broadway.

Allen St., s e cor. Canal St., six-st'y brick flat, tin roof; cost, $42,000; owners, H. & A. Cohen, 4 Baxter St.; architects, Herter Bros., 191 Broadway.

Stanton St., Nos. 226-228, 2 five-st'y brick flats, tin roofs; cost, $32,000; owner, Magnus Mansfield, 186 Stanton St.; architects, Thom & Wilson, 1267 Broadway.

One Hundred and First St., s s, 75′ e Tenth Ave., five-st'y brick flat, tin roof; cost, $20,000; owner, Robt. J. McGirr, 159 East One Hundred and Twenty-first St.; architect, F. T. Camp, 60 Liberty St.

One Hundred and Sixth and One Hundred and Seventh Sts., 75′ e Ninth Ave., 2 five-st'y brick flats, tin roofs; cost, $36,000; owner, E. H. Hawkins, 497 Monroe St.; architect, F. B. Langston, 1225 Bedford Ave., Brooklyn.

Henry St., No. 26, five-st'y brick flat, tin roof; cost, $22,000; owner, Harris Silberman, 79 Canal St.; architect, William Graul, 215 Bowery.

Third Ave., Nos. 582-584, five-st'y brick flat, tin roof; cost, $20,000; owner, Rich. J. Mahoney, 416 East Fifty-seventh St.; architect, Bruno W. Berger, 52 Bible House.

Forty-eighth St., n s, 100′ e Ninth Ave., five-st'y brick flat, tin roof; cost, $20,000; owner, Richard I. Lewis, 73 West Forty-fifth St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

One Hundred and Thirty-fourth St., n s, 220′ e Willis Ave., four-st'y brick flat, tin roof; cost, $17,000; owner, Louis Wirth, 123 East Eighty-second St.; architect, Edward Wenz, 1491 Third Ave.

Tenth Ave., w s, 60′ n One Hundred and Forty-seventh St., 2 five-st'y brick flats, tin roofs; cost, $30,000; owner, Annie E. Treacy, 239 West One Hundred and Twenty-ninth St.; architect, Henry Davidson, 277 West Twenty-second St.

Eighty-third St., n s, 298′ e Avenue A, 10 five-st'y brick flats, tin roofs; cost, $160,000; owners, Schreiner Bros., 295 Mott St.; architects, Brandt & Co., 1491 Third Ave.

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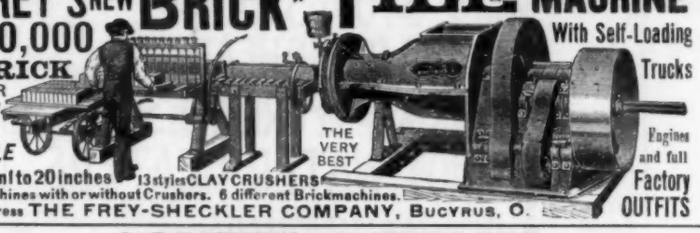

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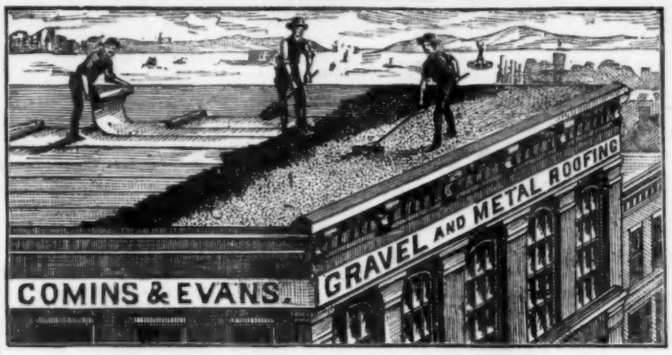

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brick flats, tin roofs; cost, $60,000; owners, Curry & Gillie, One Hundred and Fifty-second St. and St. Nicholas Ave.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

West Fifty-first St., No. 364, five-st'y brick flats, tin roof; cost, $20,000; owners, Eagan & Hallecy, 308 East One Hundred and Twenty-fifth St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Attorney St., Nos. 32-34, 2 five-st'y brick flats, tin roofs; cost, $40,000; owners, Chas. & Aug. Ruff, 56 Norfolk St.; architect, Bruno W. Berger, 52 Bible House.

East Twenty-seventh St., No. 320, five-st'y brick flat, tin roof; cost, $20,000; owner, Alphonse Hogenmauer, 444 East Eighty-fourth St.; architect, Bruno W. Berger, 52 Bible House.

West Twenty-second St., Nos. 250-252, 2 five-st'y brick flats, tin roofs; cost, $50,000; owner, Robert Dick, 670 Ninth Ave.; architect, M. Ungrich, 257 West Forty-second St.

CHURCHES.

Chattanooga, Tenn. — Site, 100′ x 118′, has been purchased by the Second Presbyterian Church on which to build an edifice; cost, $50,000.

Chicago, Ill. — C. Kanig, one-st'y chapel; cost, $3,500; architects, Bauer & Hill.

Detroit, Mich. — Thos. Fairbairn, brick chapel, Woodward Ave.; cost, $8,000.

Ivo & Knuth, brick church, 676 Chene St.; cost, $12,000.

FACTORIES.

Chicago, Ill. — L. F. Nonnast, four-st'y factory, North Green St.; cost, $9,000; architects, Fromman & Jebson.

E. B. Felsenthal, six-st'y factory, Canal St.; cost, $25,000; architects, Sullivan & Co.

New York, N. Y.—*East Twelfth St.*, s s, 100′ e Dry Dock St., three-st'y brick factory, tin roof; cost, $12,000; owner, Geo. W. Quintard, 43 West Thirty-third St.; architect, James Stroude, 1267 Broadway.

Sheridan Ave., s e cor. One Hundred and Fifty-sixth St., brick factory, iron roof; cost, $15,000; owners, Safety Car-Heating and Lighting Co., 160 Broadway; architect, Joseph Richardson, Eighty-second St. and Lexington Ave.

Fortieth St., s s, 225′ Eleventh Ave., two-st'y brick factory, tin roof; cost, $9,000; owner, Chas. Groll, 548 West Fortieth St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Philadelphia, Pa.—*Third St.*, s e cor. Cumberland St., two-st'y factory and stone building; owner, Thos. Bryan, 2106 East York St.

HOUSES.

Baltimore, Md. — W. E. King, 9 three-st'y brick buildings, beg. n e cor. St. Paul St. and Huntington Ave.

Geo. Mallonee, 13 three-st'y brick and stone buildings, w s Maryland Ave., bet. Fifth and Sixth Sts.; 4 three-st'y brick buildings, n s Fifth St., bet. Maryland Ave. and Oak St.; and 9 two-st'y brick buildings, e s Hudson Alley, bet. Fifth and Sixth Sts.

Chas. Tyler, 4 two-st'y brick buildings, n s Barney St., bet. Charles St. and Goodman Alley.

Johns Hopkins Hospital, 4 three-st'y brick buildings, e s Ann St., bet. Monument and Madison Sts.

B. F. Reed, 2 three-st'y brick stores and dwells., n w cor. Greenmount Ave. and Biddle St.

Mrs. Donnell Swann, three-st'y brick building, mansard roof, n s Biddle St., near St. Paul St.

W. M. Warfield, 3 two-st'y brick buildings, s s Saratoga St., bet. Carey St. and Carrollton Ave.; 3 two-st'y brick buildings, n s Alley St., e Carey St., and s Saratoga St.; and 11 two-st'y brick buildings, e s Carey St., beg. s e cor. Saratoga St.

Wm. Collett, 8 two-st'y brick buildings, e s Belair Rd., s Patterson Park Ave.

Mary Eidman, 3 two-st'y brick buildings, n e cor. Pennsylvania Ave. and Gold St.

Ekstine Flaggs, 14 two-st'y brick buildings, n s Seventh St., beg. n w cor. St. Paul St.

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S. D. Price, 5 two-st'y brick buildings, e s Guilford Ave., bet. Chase and Biddle Sts.

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Chas. Hildebrand, three-st'y brick building, No. 1512, w s Belair Rd.

H. A. Jones, 3 two-st'y brick buildings, s s Philadelphia Rd., e Chesapeake St.

Jas. Wehr, etc., 6 two-st'y brick buildings, n s Federal St., beg. n w cor. Register St.; and 8 two-st'y brick buildings, w s Register St., n Federal St.

Gebhard Leimbach, three-st'y brick building, n w cor. Pratt St. and Madeira Alley.

G. Frukner, 4 two-st'y brick buildings, w s Bouldin Alley, n Pressman St.

Boston, Mass.—*Newport St.*, near Crescent Ave., Ward 24, frame dwell., 21′ x 48′; owner and builder, A. M. Fryer.

King St., No. 15, Ward 24, frame dwell., 27′ 6″ x 38′; owner, James Foster; builder, G. A. Noble.

Boylston St., No. 201, Ward 11, four-st'y brick dwell., flat roof, 22′ x 68′; owner and builder, S. W. Merrill.

Charlotte, N. C. — R. Pearson, Esq., is to build a dwell.; cost, $25,000.

Chelsea, Mass. — *John St.*, cor. Tudor St., frame dwell., 26′ x 50′; owner, W. H. Hart; contract to be let; architect, Geo. F. Loring, Boston.

Chicago, Ill.—E. C. Chapman, 3 two-st'y dwells., Oak Ave.; cost, $12,000; architect, H. D. Safford.

H. J. McBirney, three-st'y dwell., Prairie Ave.; Ave.; cost, $9,000; architects, Burling & Whitehouse.

S. M. Biddison, 16 two-st'y dwells., Metropolitan Pl.; cost, $20,000; architect, M. Frey.

D. McCally, three-st'y dwell., Michigan Ave.; cost, $35,000; architect, L. B. Dixon.

Thos. Lynch, Jr., two-st'y dwell., Dearborn Ave.; cost, $5,000; architect, L. G. Quackenboss.

W. A. Taylor, three-st'y dwell., Warren Ave.; cost, $4,000; architect, J. C. Swalm.

J. Todd, three-st'y dwell., West Madison St.; cost, $20,000; architect, S. V. Shipman.

E. Ruel, three-st'y dwell., Irving Ave.; cost, $6,500; architects, Snyder & Quiner.

E. B. Sweney, three-st'y dwell., Ostor Pl.; cost, $8,000; architect, F. B. Townsend.

A. Sherner, two-st'y dwell., Marsh Ave.; cost, $3,500; architect, A. H. Hettrich.

E. A. White, 2 three-st'y dwells., Hammond St.; cost, $7,000; architect, A. M. F. Colton.

J. Crozner, three-st'y dwell., Washington Bou.; cost, $9,000; architect, C. A. Weary.

T. Campbell, 20 two-st'y dwells., Greenwood Ave.; cost, $30,000; architect, J. W. Miller.

J. J. Hill, three-st'y dwell., Grand Bou.; cost, $9,000; architect, E. C. Johnston.

J. Parrott, 14 two-st'y dwells., Carroll Ave.; cost, $35,000; architect, Geo. Grussing, Jr.

D. O. Connor, five-st'y dwell., Thirty-first St.; cost, $9,000; architect, J. J. Egan.

F. A. Oswald, 6 two-st'y dwells., Warren Ave.; cost, $25,000; architect, S. V. Shipman.

F. G. & C. Springer, 8 two-st'y dwells., Calumet Ave.; cost, $20,000; architect, J. Long.

J. Huber, three-st'y dwell., Racine Ave.; cost, $7,000; architects, Fromann & Jebsen.

J. H. Blass, six dwells., Trumbull Ave.; cost, $7,000; architect, H. Hagenon.

Cincinnati, O. — Peter Riga, two-and-one-half-st'y brick dwell., s w cor. Vine and Boone Sts.; cost, $4,000; architect, Chas. Diss.

Mrs. A. Baker, two-and-one-half-st'y brick dwell., w s Grand Ave.; cost, $3,600; architect, L. F. Plimpton.

Mrs. Mary Daupugh, two-and-one-half-st'y stone and frame dwell., Madison Pike; cost, $3,000; architect, A. C. Nash.

Danville, Ky.—H. E. Samuel, frame dwell.; cost,

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BUILDING INTELLIGENCE.

$5,000; architects, Wehle & Dodd, Louisville, Ky.; builder, James Tennyson.

R. P. Jacobs, brick dwell.; cost, $8,000; architect, E. S. Des Jardins, Cincinnati, O.; contract not let.

R. S. Nichols, frame cottage; cost, $3,000; architect, J. Smith, Boston, Mass.; builders, Danville Planing Mill Co.

Hon. M. J. Durham, frame dwell.; plans not completed.

Detroit, Mich.—Gordon W. Lloyd, three-st'y stone dwell., Woodward Ave.; cost, $30,000.

Hess & Raseman, brick dwell., 71 East Forest Ave.; cost, $7,000.

H. W. Raper & Co., four frame dwells., 403, etc. Military Ave.; cost, $5,600.

Scheibel Bros., frame dwell., 745-747 Third Ave.; cost, $3,500.

W. S. Vivier, two brick dwells., 324-328 Harrison Ave.; cost, $5,000.

W. G. Malcomson, brick dwell., 184 Twelfth St.; cost, $3,000.

John Brennan & Co., brick dwell., Jefferson Ave.; cost, $6,000.

New York, N. Y.—*Eighty-fifth St.*, n s, 30′ e Tenth Ave., 4 three-st'y brick dwells., tin roofs; cost, $64,000; owner and architect, John G. Prague, 1512 Broadway.

One Hundred and Twenty-third St., n w cor. Mt. Morris Ave., four-st'y brick dwell., tin roof; cost, $50,000; owner, John Dwight, 33 Mt. Morris Ave.; architect, Frank H. Smith, Boston, Mass.

Ninetieth St., s s, 159′ 10½″ e Riverside Drive, three-st'y brick dwell., tin roof; cost, $30,000; owner, Charles H. Phelps, 31 Broadway; architect, August Namur, 35 Broadway.

One Hundred and Sixty-ninth St., s s, 100′ w Tenth Ave., 2 two-st'y brick dwells., tin roofs; cost, $9,000; owner, Wilhemina Lobe, One Hundred and Seventy-first St. and Audubon Ave.; architect, Chas. M. Youngs, One Hundred and Sixty-eighth St. and Tenth Ave.

East Forty-eighth St., No. 424, two-st'y brick dwell., tin roof; cost, $9,000; owner, Philippo Goerlitz, 125 East Forty-seventh St.; architects, Schneider & Herter, 48 Bible House.

Ninety-second St., n s, 75′ w Madison Ave., 2 four-st'y brick dwells., tin roofs; cost, $40,000; owner, Walter Reid, 1269 Madison Ave.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Ninety-third St., n w cor. Madison Ave., 7 three-st'y brick dwells., tin roofs; cost, $70,000; owner, John Ruddell, 101 West One Hundred and Twenty-first St.; architect, G. A. Schellinger, 128 Broadway.

One Hundred and Twenty-sixth St., Nos. 80-82, three and one st'y dwell. and dancing-academy, peak and mansard, slate and tin roof; cost, $24,000; owner, Geo. W. Wallace, 261 West One Hundred and Twenty-sixth St.; architect, Geo. Keister, 55 West Thirty-third St.

One Hundred and Thirty-sixth St., s s, 100′ w Seventh Ave., 34 three-st'y brick dwells., tin roofs; cost, $340,000; owner, E. C. Butcher, 96 Broadway; architect, F. G. Butcher, 6 Wall St.

Olney, Pa.—*Taber St.*, n s, e Third St., two-st'y frame dwell.; owner, Lemuel Altenius.

Overbrook, Pa.—Two-st'y stone dwell. for Mr. J. B. Townsend; cost, $17,000; architects, Cope & Stewardson.

Pensaukin, N. J.—Frame colonial cottage for Mr. Osler; cost, $3,00-; architects, Rowe & Dagit, 122 South Second St., Philadelphia.

Philadelphia, Pa.—*Wisteria Ave.*, n e cor. Wakefield St., two-st'y dwell. and store; carpenter and builder, Frederick May, 82 Wister St., Germantown.

Lancaster Ave., No. 4880, three-st'y stone dwell.; architect, Frank R. Watson, 518 Walnut St.

Colorado St., e s, bet. Dauphin and York Sts., 66 dwells. and four dwells. and stores; Courtlandt Rhodes, 230 Chestnut St.

Bouvier St., e and w s, n Dauphin St., 70 three-st'y brick buildings, four with stores; Courtlandt Rhodes, 230 Chestnut St.

Yardley St., e s, n Master St., two-st'y brick dwell.; E. M. Hales, of Geissinger & Hales, architects, Twelfth and Chestnut Sts.

Jefferson St., s w s, bet. Rubencam Ave. and Armstrong St., 8 two-st'y brick dwells.; owner, John Rufe, 137 Wistar St., Ward 22.

Perkiomen St., n w s Francis St., three-st'y brick building.

Dean St., w s, n Dauphin St., 26 two-st'y brick dwells.; owner, Andrew Miller, 1322 Tasker St.

Restine St., w s, s Jackson St., 10 two-st'y brick dwells.; owner, M. McManus, 313 North Third St.

Section 79, Clearview, Buists Ave., Ward 21, brick dwells.; owners, Loughlin & McMichael, Clearview, Paschal.

Blair St., w s, s Barver St., three brick dwells.; owner, J. L. Grauer, 1850 Frankford Ave.

Forty-fourth St., e s, s Wallace St., 16 three-st'y brick dwells.; owner, J. W. Vesey, 2000 North Twelfth St.

BUILDING INTELLIGENCE.

Twenty-eighth St., w s, n Wharton St., 7 two-st'y brick dwells.; owner, James McDurk, 1120 South Twenty-third St.

North Tenth St., No. 1249, two-st'y brick building; owner, Andrew M. Conneen, 1256 North Tenth St.

South Broad St., No. 1606, three-st'y brick dwell., mansard roof, and back building; owner, Jas. F. Lamb, 719 South Ninth St.

Thirty-fifth St., e s, n Sunnyside St., 3 three-st'y brick dwells. and stores; owner, John F. Reichardt, 135 James St.

North Twentieth St., No. 1940, three-st'y brick dwell.; contractor, S. B. MacDowell, 2144 North Twentieth St.

Fairhill St., w s, bet. Somerset and Cambria Sts., 6 two-st'y brick dwells.; carpenter, C. A. Heinke, 541 Lehigh Ave.

Seventeenth St., n w cor. Tioga St., 5 three-st'y brick dwells.; owner, L. K. Slifer, M.D.

Dexter St., w s, s Green La., two-and-one-half-st'y brick dwell.; owner, Chas. C. Taylor, cor. Penn and Pechin Sts., Roxborough.

Fifteenth St., e s, n Dauphin St., two-st'y brick dwell.; owner, W. J. Costigan, 2008 Susquehanna Ave.

Section 79, lots Nos. 2732-2733, Clearview, 2 two-st'y brick dwells., mansard roofs; contractor, Harry Russel, Clearview.

Marston St., s Columbia Ave., two-st'y brick dwell.; owner, Thos. Smith, 1645 North Twenty-seventh St.

Birch St., n e s, w Almond St., five brick dwells.; owner, C. W. Fox, 826 Federal St.

Hunting Park Ave., n s, bet. Logan St., three-st'y brick dwell.; owner, Benjamin Walker.

Hunting Park Ave., n s, bet. Wayne St., three-st'y brick dwell.; owner, Benjamin Walker.

Orkney st., e s, bet. Ontario St., four brick dwells.; owners, Arthur & Wadsworth, 420 West Somerset St.

Coffman St., n and s s, n and s s Bishop St., bet. Broad St. and Park Ave., 64 two-st'y brick dwells.; builder, A. M. Zane, 806 Walnut St.

Coffman St., n and s s, n and s s Bishop St., and w s Park Ave., 4 two-st'y brick buildings; builder, A. M. Zane, 806 Walnut St.

Coffman St., n and s s Bishop St., e s Broad St., 4 three-st'y brick dwells. and stores; builder, A. M. Zane, 806 Walnut St.

Upsal St., w s, near Jefferson St., 2 three-st'y stone dwells.; builders, Thomas Wright & Son, 7 Harvey St., Germantown.

Nicetown La. and Howard St., 2 two-st'y brick buildings; owner, James Mole, 1709 Dounton St.

Fifteenth St., w s, ab. Nicetown La., 2 two-st'y brick buildings with bath-houses; owner, James Mole, 1709 Dounton St.

Cotton St., s w cor. Morris St., 5 four-room brick dwells. and one six-room brick dwell.; owner, James Mole, 1709 Dounton St.

Sharpneck St., n s, e Germantown Ave., two-st'y six-room brick dwell.; owner, James Mole, 1709 Dounton St.

Dounton St., w Main St., one-st'y brick mill; owner, James Mole, 1709 Dounton St.

Forty-second St., e s, bet. Baring and Spring Garden Sts., 20 two-st'y brick dwells.; owners, Nicholson & Michaelson, n w Fortieth and Green Sts.

Baring St., n s, bet. Forty-second and Holly Sts., 7 two-st'y brick dwells.; owners, Nicholson & Michaelson, n w Fortieth and Green Sts.

Holly St., w s, bet. Baring and Spring Garden Sts., 22 two-st'y brick dwells.; owners, Nicholson & Michaelson, n w Fortieth and Green Sts.

South Twenty-second St., No. 1419, three-st'y brick dwell.; builder, Thomas Meehan, 2114 Earp St.

Fairhill St., w s, ab. York St., two-st'y brick dwell.; builder, George I. Huber, 2559 Reese St.

Lombard St., No. 1830, *and Naudain St., No.* 1831, 2 three-st'y brick dwells.; owner, Alexander Ewing, 823 Lombard St.

Lawrence St., w s, bet. Pike St., two-st'y brick dwell.; owner, J. B. Vanderslice, 3529 North Fifth St.

Forty-fifth St., w s, s Kensington Ave., 10 two-st'y brick dwells.; owner, W. S. P. Shields, 3908 Baltimore Ave.

Forty-fifth St., e s, 13 two-st'y brick dwells., and Forty-sixth St., e s, s Kingsessing Ave., 8 three-st'y brick dwells.; owner, W. S. P. Shields, 3908 Baltimore Ave.

Clifton St., w s, s Westmoreland Ave., eight brick dwells.; builder, A. Benner, 3161 Richmond St.

Thirty-third St., n w cor. Fairmount Ave., brick dwell.; builders, C. R. Kohl & Bros., 45 Johnson St., Germantown.

Eighteenth St., n w cor. Watkins St., two-st'y brick dwell.; owner, John Maginnis, 1829 Federal St.

Third St., e s, four brick dwells., and Mayfield St., s s, 10 brick dwells.; owner, Thomas Bower, 9261 North Third St.

Church St., w s, bet. Main and Nash Sts., 2 three-st'y brick dwells.; builder, Martin Hetzel, 45 Church St., Germantown.

Somerset St., s w cor. Jasper St., 3 two-st'y brick buildings; builders, Dickson Bros., 3045 Frankford Ave.

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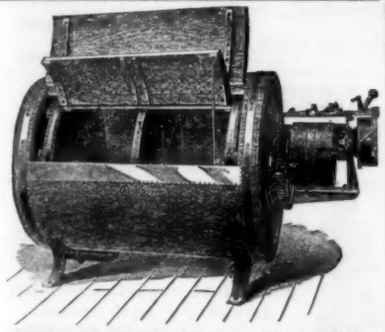
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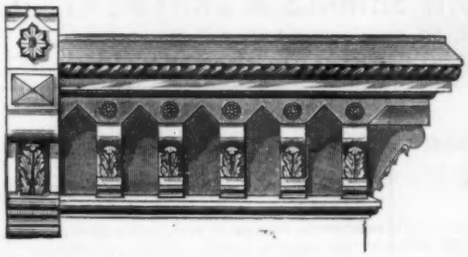
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Hope St., No. 1827, three-st'y brick dwell.; owner, Thomas W. Barnes, Wheatsheaf La. and Coral St.

Twenty-sixth St., n e cor. Meredith St., 6 three-st'y dwells. and one store; builder, W. L. Atkinson, 2214 Wallace St.

Twenty-eighth St., e s, s Herman St., two-st'y dwell. and store; owner, Christian Burkhardt, s e cor. Twenty-eighth and Herman Sts.

Bridge St., w s, n Jackson St., 2 three-st'y brick dwells.; contractor, E. D. Marshall, Jr., 1838 North Twenty-first St.

Hutchinson St., w s, bet. Jefferson and Oxford Sts., 3 three-st'y brick dwells.; owner, S. B. McDowell, 2144 North Twentieth St.

Smick St., s w s, n Jefferson St., three-st'y brick dwell.; contractor, John McIlveen, 148 Jefferson St., Manayunk.

Orchard St., w s, ab. Poplar St., 2 three-st'y brick dwells.; builder, H. M. Martin, 521 Diamond St.

Fifth St., e s, ab. Poplar St., 2 three-st'y brick dwells.; builder, H. M. Martin, 521 Diamond St.

Brinton St., w s, ab. Master St., 3 three-st'y brick dwells.; builder, H. M. Martin, 521 Diamond St.

Fifth St., e s, ab. Master St., 3 three-st'y dwells.; builder, H. M. Martin, 521 Diamond St.

Woodbine Ave., n s, e Chew St., two-st'y brick dwell.; builder, Lawrence O'Brien, Chew St. and Woodbine Ave.

Apple St., bet. Penn and Cedar Sts., 2 two-st'y brick dwells.; owner, C. E. Allison, Markle St., Roxborough.

Watkins St., s s, w Nineteenth St., 6 two-st'y brick dwells.; owner, James Rainey, 1825 Manton St.

Hamilton St., s w s, n Jefferson St., 4 two-and-one-half-st'y brick dwells.; contractor, Joseph Kershaw, Prospect St., Roxborough.

Forty-sixth St., e s, s Kingsessing Ave., 8 three-st'y brick dwells.; owner, W. S. P. Shields, 1908 Baltimore Ave.

Fifteenth St., ab. Tioga St., two-st'y brick dwell.; owner, J. H. Jordan, Twenty-third and Jefferson Sts.

Salmon St., e s, n Neff St., 3 two-st'y brick dwells.; owner, A. McClay, 3026 Richmond St.

Upsal St., s s, e Jefferson St., stone dwell.; owner, H. H. Buzby, 5258 Main St., Germantown.

Thirty-fourth St. and Fairmount Ave., 6 three-st'y brick dwells.; owner, William J. Shedwick, 618 North Thirty-fourth St.

Thirty-second St., e s, bel. Market St., 7 three-st'y brick dwells.; owner, William J. Shedwick, 618 North Thirty-fourth St.

Fisher St., w s, bet. Huntingdon and Cumberland Sts., 2 three-st'y brick dwells.; owner, Robert Greger, 2155 William St.

Main St., w s, bel. Green La., one-st'y brick and stone dwell.; owners, W. J. Craven & Son, Lyceum Ave., Roxborough.

BUILDING INTELLIGENCE.

Roschill St., s s, bet. Somerset and Cambria Sts., 2 two-st'y brick dwells.; builder, Joseph McNutt, 2320 Sepviva St.

Rumford Ave., n w cor. Boyer St., three-st'y brick dwell.; contractor, John Owens, 124 East Upsal St., Germantown.

Wakefield St., s w cor. n Bringhurst St., three-st'y brick dwell.; owners, Real Estate Improvement Co., 727 Walnut St.

Penn St., w s, n Arrott St., three-st'y brick dwell.; owner, Mrs. Keas, 4722 Penn St., Frankford.

Eighteenth St., w s, bet. Federal and Ellsworth Sts., 17 two-st'y brick dwells. and three-st'y brick store; owner, J. Howard Bromley, 801 North Forty-first St.

Cleveland Ave., w s, 37 two-st'y dwells.; builder, Jno. M. Sharp, 1936 South College Ave.

Trellis St., No. 135, Ward 1, two-st'y brick dwell.; owner, John Langenhoffer, 2043 South Ninth St.

Moyamensing Ave., e s, 2 two-st'y brick dwells.; builders, Ross & Lily, 1224 Snyder Ave.

Fifth St., w s, bel. Jackson St., 3 two-st'y brick dwells.; builders, Ross & Lily, 1224 Snyder Ave.

Argyle St., bet. Fifth and Sixth Sts., 7 two-st'y brick buildings; builders, Ross & Lily, 1224 Snyder Ave.

Fifth St., e s, n Westmoreland Ave., three-st'y brick dwell.; builder, John Ennis, 719 McKean St.

Fifth St., e s, bel. Ontario St., 4 three-st'y brick dwells.; builder, Daniel Neveling, 2506 Mascher St.

Orkney St., w s, bel. Ontario St., 5 two-st'y brick dwells.; builder, John Neveling, 2506 Mascher St.

Newbold St., e s, s Ruscomb St., two-st'y brick dwell.; builder, Albert Hera, 141 Bringhurst St., Germantown.

Emlen St., s s, bet. Tulip and Sepviva Sts., 4 two-st'y brick dwells.; builder, William Bartholomew, 143 West Norris St.

Callowhill St., No. 1012, two-st'y ornamental brick and terra-cotta building; Rowe & Dagit, architects and engineers, 122 South Second St., have arranged the machinery, as well as the architectural features.

Green La., s e cor. Manayunk Ave., three-st'y stone and frame dwell.; builder, Frank T. Sheldrake, City Ave. and D'Invillers St., West Philadelphia.

Trinity Pl., e s, bel. Fourth St., three-st'y brick dwell.; builder, Jas. D. Arthur, 223 Levant St.

BUILDING INTELLIGENCE.

Reed St., bet. Twenty-first and Twenty-second Sts., 12 two-st'y brick dwells.; owner, William McCarter, 1400 South Twenty-second St.

Stiles St., n w cor. Carlisle St., 5 two-st'y brick dwells.; owner and builder, W. Smaltz, 1545 Hutchinson St.

Smedley St., e s Tioga St., 4 two-st'y brick dwells.; owners, Dickson Bros., 3045 Frankford Rd.

Torrisdale Ave., s e s, n e Yankirk St., two-and-one-half-st'y frame dwell.; contractor, H. Castor, Torrisdale Ave., Ward 23, Wissinoming.

Yankirk St., n e s, s e Torrisdale Ave., 2 two-and-one-half-st'y frame dwells.; contractor, H. Castor, Torrisdale Ave., Ward 23, Wissinoming.

Columbia Ave., No. 1931, one-st'y brick dwell.; builder, Hugh Hazlett, 1708 North Nineteenth St.

Brown St., n s, bet. Thirty-seventh and Thirty-eighth Sts., 22 brick dwells.; owner, W. H. H. Achuff, 779 North Thirty-eighth St.

Pottstown, Pa.—Two-and-one-half-st'y brick dwell. for H. Leapold, Esq.; cost, $7,500; architect, E. F. Bertolett, 257 South Fourth St., Philadelphia.

Brick dwell. for D. Healy, Esq.; cost, $7,000; architect, E. F. Bertolett, 257 South Fourth St., Philadelphia.

Providence, R. I.—*Doyle Ave.*, near Camp St., two-st'y frame dwell.; owner, John H. Thompson; builder, Vere W. Beck.

Somerset and Tanner Sts., frame dwell.; cost, $3,500; owners, Wm. J. Halcrow and wife; builders, Allen & Halcrow.

Eddy St. and Pavilion Ave., frame dwell.; owner, John King; builder, C. S. Briggs.

Atwells and Academy Aves., frame dwell.; cost, $2,400; owners, Ed. H. Smith and wife; builder, Patrick McDonough.

Plain and Blackstone Sts., frame dwell.; cost, $3,800; owner, Michael J. Brady; builder, Thos. W. Barry.

Sycamore and Oak Sts., frame dwell.; cost, $7,000; owner, Mrs. Hannah Bowen; builder, Robert Paterson.

Humboldt Ave., near Arlington Ave., two-and-one-half-st'y frame dwell.; owner, Edward B. Hamlin; architects, Gould & Angell; builder, Henry W. Goff.

Taber and Villa Aves., two-and-a-half-st'y frame dwell.; owner, Fletcher S. Mason; architects, Gould & Angell; builders, Hathaway & Douglass.

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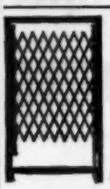

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Hamilton Ave., near South Angell St., two-and-a-half-st'y frame dwell.; owner and builder, William H. Gafford.

Robinson St. and Prairie Ave., frame dwell.; owner, Michael McKenna.

Pleasant St., near East Ave., frame dwell.; owner, Harriet A. Boyden; builder, John Fountain.

Prairie Ave. and Early St., frame dwell.; cost, $3,400; owner, Mrs. Elizabeth Dyer; builder, John Butter.

Somerville, Mass.—*Harrison St.*, frame dwell., 22′ x 28′, with L, 8′ x 16′; owner, Mr. Keating; builder, J. W. Connor.

Albion St., frame dwell., 26′ x 29′ with L, 15′ x 21′; owner, Wm. S. Stevens; builder, Wm. B. Clark.

Cutter Ave., cor. Cutter Sq., frame dwell., 26′ x 29′; owner, Dr. W. A. Fletcher.

Medford St., frame dwell., 22′ x 28′, with L, 19′ x 19′; owner, Chas. S. Davis; builders, C. O. & S. H. Abbott.

Thorndike St., frame dwell., 22′ x 27′, with projection, 6′ x 15′; owner, Wm. A. Jackson; builder, Silas L. Cummings.

Brastow Ave., frame dwell., 27′ 6″ x 28′ 6″; owner, Sarah G. Beckwith.

Harvard St., frame dwell., 29′ x 35′; owner, C. E. Rymes; builder, John Alden.

Broadway, cor. Endicott Ave., frame dwell., 25′ x 46′; owner, Martha J. Hoppin; builder, Geo. Hoppin.

Summer St., three frame dwells., 29′ x 40′; owner, C. E. Rymes; builder, John Alden.

Montrose St., three frame dwells., 24′ x 30′; owner and builder, Albert A. Ball.

Bowdoin St., two frame dwells., 23′ x 27′; owner and builder, Wilbur P. Rice.

Partridge Ave., ten frame dwells., 21′ x 27′; owner, Horace Partridge; builder, A. Johnson.

Harrison St., three frame dwells., 22′ x 28′; owner, J. R. James; builders, S. & C. H. Williams.

Medford St., cor. Washington St., three-st'y brick block, abt. 30′ x 50′; owner, Wm. S. Ward; builders, W. L. Clark & Co., A. M. Godfrey.

South Lyme, Conn.—J. M. Thomson, Hartford, Conn., will build a frame dwell.; architect, Melvin H. Hapgood; contract not let.

St. Louis, Mo.—Two-st'y brick dwell.; cost, $5,000; owner, Anton Huebler; architects, Uhrie & Son; contractor, J. Stander.

Two-st'y brick dwell.; cost, $3,000; owner, Anna Firnstein; architect, O. J. Wilhelme; contractor, H. F. Beinke.

Two-st'y and mansard brick dwell.; cost, $6,000; owner, John Gorman; architect, A. Beinke; contractor, E. B. Scutt.

Four three-st'y brick dwells.; cost, each, $5,000; owner, M. Bernheimer; architect, A. F. Rosenheim; contractor, J. D. Fitzgibbon.

Two-st'y brick dwell.; cost, $3,000; owner, M. A. Moran; architect, Theo. Ropp; contractor, J. D. Drake.

Two-st'y brick dwell.; cost, $3,250; owner, J. Bulfine; contractor, M. Kirkwood.

Two-st'y brick dwell.; cost, $2,500; owner and contractor, J. Hermann.

Toledo, O.—*Monroe St. and Collingwood Ave.*, four frame dwells.; cost, abt. $15,000; owner, H. T. Yaryan; architect, C. F. Schweinfurth; builder, Jno. W. Lee.

Irving St., two frame dwells.; cost, abt. $8,000; owner, J. L. Wolcott; architects, Bacon & Huber; builder, Richard Hattersley.

Monroe St., brick dwell.; cost, abt. $16,000; owner, M. A. Scott; architects, Bacon & Huber; contract not yet awarded.

Collingwood Ave., three-st'y brick double dwell.; cost, abt. $10,000; owner, Wm. B. Gerve; architects, Bacon & Huber; builders, Sheehey & Dirkman.

Villa Nova, Pa.—Two-st'y frame colonial dwell. for Wm. F. Robinson, Esq.; cost, $6,000; architects, Cope & Stewardson, Philadelphia.

HOTELS.

Asheville, N. C.—Hotel, to cost $200,000, will be built here.

Cumberland Gap, Tenn.—Bigelow & Dufais, architects, New York, are preparing plans for the Cumberland Gap Hotel Co. for a hotel, sanatorium and a casino; cost, abt. $550,000.

New York, N. Y.—*Broadway*, s e cor. Thirty-second St., nine-st'y brick hotel, tin roof; cost, $550,000; owners, R. & O. Goelet, 9 West Seventeenth St.; architects, McKim, Meade & White, 57 Broadway.

St. Louis, Mo.—Five-st'y brick hotel; cost, $6,000; owners, F. & H. L. Rozier; architect, A. F. Rosenheim; sub-let.

OFFICE-BUILDINGS.

Chicago, Ill.—Abstract Safety Vault Co., seven-st'y office-building, Dearborn St.; cost, $100,000; architects, Burnham & Root.

New York, N. Y.—*Fulton St.*, s e cor. Nassau St., six-st'y granite, iron and terra-cotta office-building; cost, $80,000; owner, Frank Raub; architects, De Lemos & Cordes.

Pottstown, Pa.—Brick office-building for Potts Bros. Iron Co.; cost, $3,000; architect, E. F. Bertolett, 257 South Fourth St., Philadelphia.

SCHOOL-HOUSES.

Florence, Ala.—Bruce & Morgan, architects, Atlanta, Ga., have prepared plans for the Florence Education and Land Co. for a four-st'y Baptist college; cost, abt. $100,000.

Hubbard City, Texas.—$10,000 of bonds will be issued to build a school-building.

New York, N. Y.—Five school-houses are to be built in different sections of the city at costs ranging from $80,000 to $175,000; architect, George W. Debevoise.

STABLES.

Baltimore, Md.—A. L. Gorter will build 4 two-st'y brick stables: two e s Maryland Ave., and two w s Morton Alley, s Biddle St.

L. N. Neudecker, three-st'y brick stable, e s Temple St., s Fayette St.

New York, N. Y.—*One Hundred and Thirty-second St.*, 75′ e Seventh Ave., four-st'y brick stable, tin roof; cost, $14,000; owner, Edward S. Doughty, 26 East Thirty-sixth St.; architect, Julius Munkowitz, 247 West One Hundred and Twenty-fifth St.

West Thirtieth St., No. 236, four-st'y brick stable, tin roof; cost, $13,000; owner, E. A. McClelland, 236 West Thirty-eighth St.; architect, Chas. W. Miller, 680 East One Hundred and Forty-third St.

Madison St., No. 369, three-st'y brick stable, tin roof; cost, $8,000; owner, Catharine Mayer, 418 East Eighty-ninth St.; architects, Rentz & Lang, 153 Fourth Ave.

Philadelphia, Pa.—*Fitzwater St., No.* 709, *and Baker St., No.* 704, two-st'y brick stable; owner, Jno. McGonigle, on premises.

Stenton and Union Aves., two-st'y stone stable, mansard roof; owner, Wm. C. Mackie, Chestnut Hill.

Marshall St., e s, ab. Cambria St., two-st'y brick stable; builder, Benjamin Walker, 3953 Germantown Ave.

Somerville, Mass.—*Sewall St.*, frame stable, 22′ x 24′; owner and builder, Henry C. Gardner.

Bowdoin St., frame stable, 18′ x 24′; owner and builder, Wilbur P. Rice.

STORES.

Detroit, Mich.—Jean Bros., 3 two-st'y brick stores, Jefferson Ave.; cost, $12,000.

New York, N. Y.—*West Thirteenth St., Nos.* 21-23, five-st'y brick store, metal roof; cost, $40,000; owner, L. F. Hearn, 48 East Sixty-ninth St.; architects, Jno. B. Snook & Son, 12 Chamber St.

Walker St., No. 86, six-st'y brick store, tin roof; cost, $25,000; owner, Frank A. Seitz, 33 West One Hundred and Twenty-seventh St.; architects, Cleverdon & Putzell, 100 East One Hundred and Twenty-fifth St.

Somerville, Mass.—*Washington St.*, cor. Florence St., frame stores, 40′ x 40′; owner, W. A. Stone; builder, Edwin A. Paul.

St. Louis, Mo.—Two-st'y brick store and rooms; cost, $3,000; owner, C. Uhlrich; contractor, B. Stock.

Seven-st'y brick store; cost, $30,000; owner, Jos. Vincent; architect, E. Mortimor; contractor, T. J. Kelly.

TENEMENT-HOUSES.

New York, N. Y.—*West Forty-eighth St., No.* 508, five-st'y brick tenement, tin roof; cost, $14,500; owner, Christian Stiffler, 257 West One Hundred and Twenty-first St.; architect, Joseph Wolf, 55 Liberty St.

West Forty-eighth St., No. 506, five-st'y brick tenement, tin roof; cost, $14,500; owner, Christian Stiffler, 257 West One Hundred and Twenty-first St.; architect, Joseph Wolf, 55 Liberty St.

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WAREHOUSES.

Chicago, Ill.— E. G. Uhlein, four-st'y warehouse, Milwaukee Ave.; cost, $6,500; architect, H. T. Kley.

J. Downey, owner and architect, five-st'y warehouse, Jefferson Ave.; cost, $50,000.

Providence, R. I.— *Furnace and Tockwotton Sts.*, 2 two-st'y brick storehouses and shed; cost, $7,500 each; owners, Union Oil Co.; builder, D. S. Anthony.

St. Louis, Mo.— Three-st'y brick warehouse; cost, $4,000; owners, Koenig Furniture Co.; architect, O. J. Wilhelm; contractor, A. Fick.

Seven-st'y brick warehouse; cost, $350,000; owners, Samuel Cupples Real Estate Co.; architects, Eames & Young; contractor, C. E. Clark.

Toledo, O.— *Erie St.*, four-st'y brick warehouse; cost, abt. $11,000; owner, W. H. Morehouse; architects, Bacon & Huber; contract not yet awarded.

MISCELLANEOUS.

Baltimore, Md.— The First National Bank will build a two-st'y granite building on South St., bet. Baltimore and Second Sts.; architect, George A. Frederick.

Boston, Mass.— *Austin St.*, rear, near Prison Point, Ward 5, one-st'y brick mechanical building, flat roof, 32′ x 100′; owners, Fitchburg R. R. Co.; builder, E. K. Turner.

New York, N. Y.— *One Hundred and Fiftieth St.*, n s, 260′ w Railroad Ave., one-st'y storage building, peak and slate roof; cost, $20,000; owner, N. Y. Central & H. R. R. Co.. Grand Central Depot; architect, Walter Katte, Grand Central Depot.

Philadelphia, Pa.— *Columbia Ave.*, s w cor. Twenty-sixth St., three-st'y brick hall; contractor, Wm. D. Laverell, 1727 North Twentieth St.

Princeton, N. J.—Dormitory for Princeton College, 52′ x 177′; first story, brownstone, and above of Pompeiian brick, five stories, pitch roof; contract to be let; architect, John Lyman Faxon, Boston.

St. Louis, Mo.— Three-st'y brick carriage-house; cost, $12,000; owners, Keys & Watkins; architect, C. C. Helmers; contractors, Duffner & Labarge.

COMPETITION.

MUNICIPAL BUILDINGS.
[At New York, N. Y.]
NEW YORK, N. Y., April 22, 1889.
NOTICE TO ARCHITECTS.

In accordance with the provisions of Chapter 371 of the Laws of 1887, entitled "An act to provide for the erection of a building for criminal courts and other purposes in the city of New York," the Commissioners of the Sinking Fund will receive plans, specifications and estimates of cost **until the 30th day of June, 1889,** for the building provided for in the said act, to be erected on the block bounded by Centre and Elm and White and Franklin Streets.

The plans, estimates and specifications to be submitted are described in a paper entitled "Instructions to Architects," which can be obtained on application at the Comptroller's office.

These "Instructions" will also contain a diagram of the plot on which the building is to be erected, showing location, dimensions, etc.

The architect whose plan, estimate and specification shall be approved and accepted by the Commissioners will be appointed architect for the construction of the building, and be paid for his services in superintending the work the fees prescribed by the American Institute of Architects, provided his standing is such as to guarantee a faithful discharge of his duties.

Each set of plans, estimates and specifications submitted shall be marked with such assumed designation as the architect may select, provided there shall be filed with the Mayor a sealed envelope giving the real name of the competitor, which will not be opened until the selection shall have been made.

THEO. W. MYERS, Comptroller,
WALTON STORM, Chairman Finance Committee, Board of Aldermen.
} Committee Commissioners of the Sinking Fund.

703

PROPOSALS.

PROPOSALS FOR CUT-GRANITE. Office of Building for Library of Congress, 145 Capitol Street, Washington, D. C., May 25, 1889. Sealed proposals for furnishing and delivering all of the cut-granite required for the front walls, including the dome of the rotunda of the Building for the Library of Congress, in this city, will be received at this office until 2 o'clock P. M., on Saturday, the 29th day of June, 1889, and opened immediately thereafter in presence of bidders. The granite must be of light bluish gray color, and fine grain. Specifications, general instructions and conditions, and blank forms of proposal may be obtained on application at this office. BERNARD R. GREEN, Superintendent and Engineer. 704

May 23, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 18th day of June, 1889, for all the labor and material required to build and complete the stone and brick masonry of walls of superstructure of the United States Post-Office, etc., building at Dayton, O., in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent. The drawings and specification may be seen at the Builders' and Traders' Exchange, Chicago, Ill., and the Builders' and Dealers' Exchange Company, Cleveland, O. Bids must be accompanied by a certified check for $500. JAMES H. WINDRIM, Supervising Architect. 701

May 23, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 18th day of June, 1889, for the labor and materials required for the improvement of the grounds of the United States Marine Hospital at Lake View, Chicago, Ill., in accordance with the drawing and specification, copies of which may be had on application at this office and the office of the Superintendent of the Appraisers Stores, Chicago, Ill. Each bid must be accompanied by a certified check for $200. JAMES H. WINDRIM, Supervising Architect. 701

May 24, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 13th day of June, 1889, for furnishing and putting in place complete in the United States Court-House and Post-Office at Des Moines, Iowa, two hydraulic passenger elevators, in accordance with the drawings and specification, copies of which may be had on

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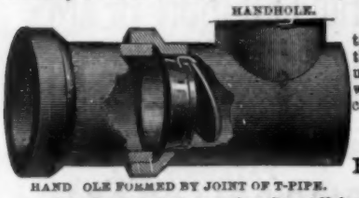

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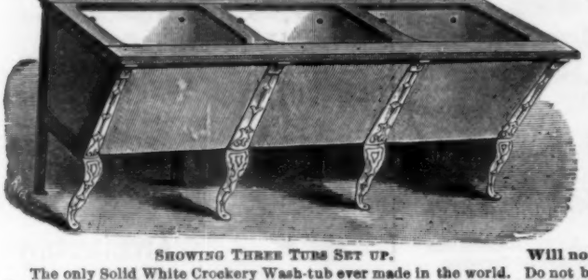

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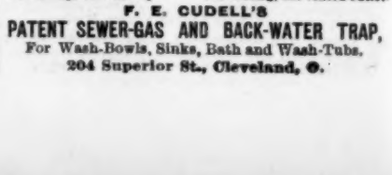

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PROPOSALS.

application to this office and the office of the Superintendent. Each bid must be accompanied by a certified check for $200. JAMES H. WINDRIM, Supervising Architect. 701

Treasury Department, May 8, 1889. Sealed proposals will be received at the office of the Superintendent, Treasury Department, Washington, D. C., until two (2) o'clock P. M., on Monday, the 10th day of June, 1889, for the labor and materials required in the completion of the replacing of the disintegrated slate roof with a copper roof on the north and south wings of the United States Treasury Building at Washington, D. C., in accordance with the drawings and specifications, copies of which may be seen and any additional information had upon application at the above office. Each bid must be accompanied by a certified check for five hundred dollars ($500). GEO. S. BATCHELLER, Acting Secretary. 701

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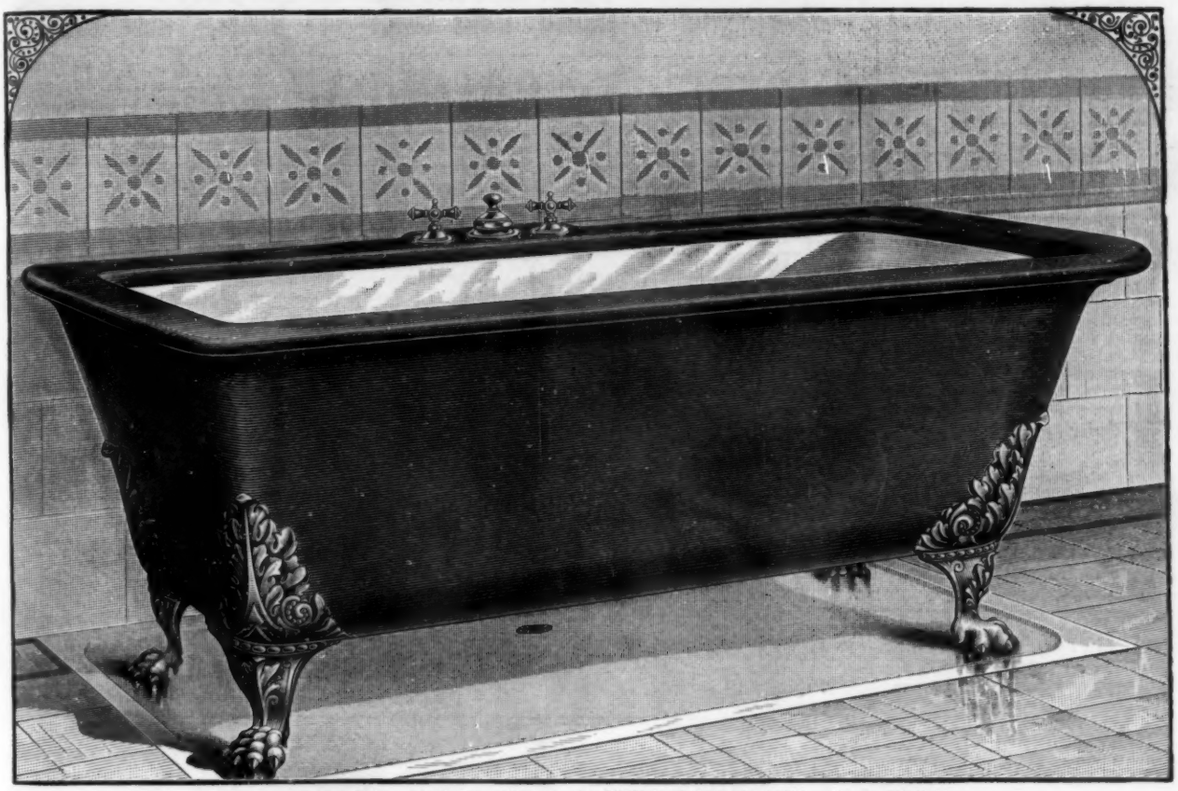

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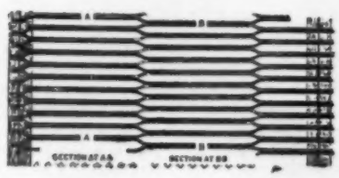

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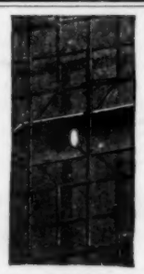

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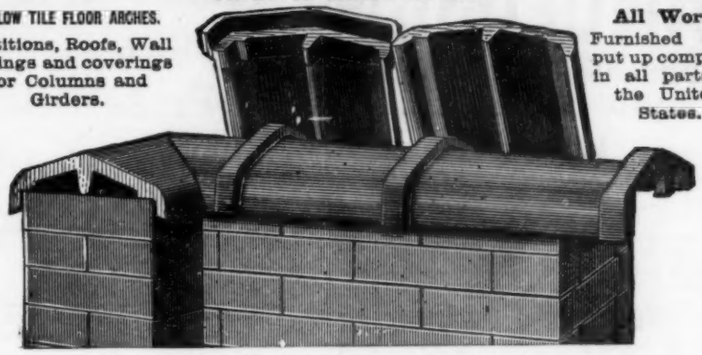

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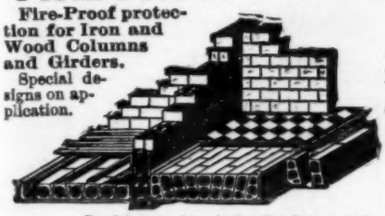

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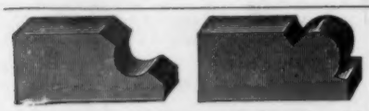

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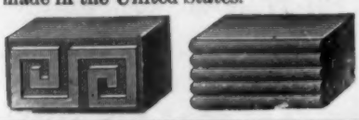

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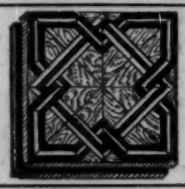

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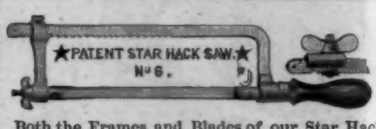

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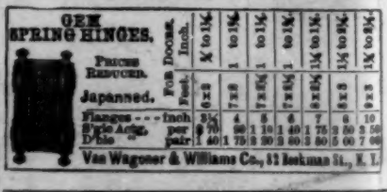

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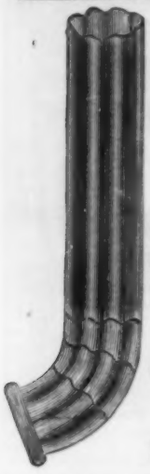

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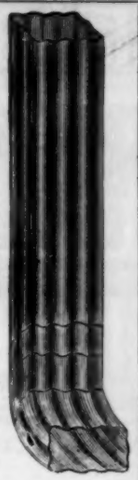

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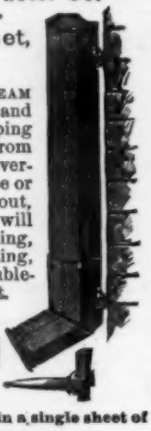

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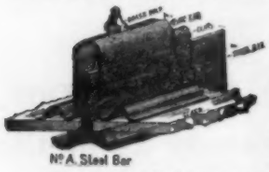

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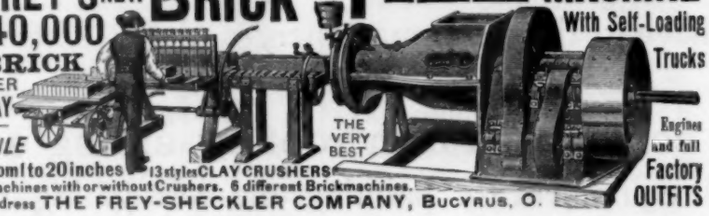

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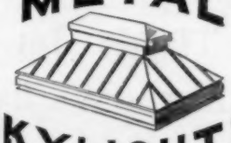

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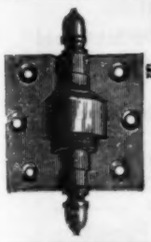

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Cedar, split ₱ M	@		*Not sold.*	
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Mahogany, Baywood [Mexican]	@180 00	150 00 @ 180 00	150 00 @ 180 00	150 00 @ 250 00
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Maple	45 00 @ 50 00	45 00 @ 50 00	25 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	35 00 @ 40 00	45 00 @ 55 00
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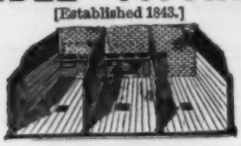

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" " (Burham)	2 50 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 50 @ 2 75
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" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	2 80 @ 3 15	2 50 @ 2 75
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" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 50 @ 2 75
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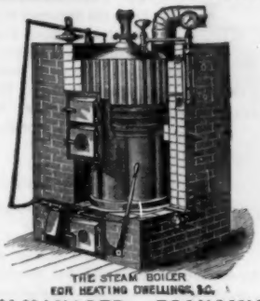
	New York. (Wholesale Prices.)	Boston. (Prices to Builders and Contractors.)	Chicago.	Philadelphia.
Foundation:				
Dimension		5 00 ℔ ton	20 M	M 5 00
Block		4 60 ℔ perch		Conshocken
Rubble		1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ sq. ft.)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed	50 @ 6 00	75	50 @ 1 00	37 @ 50
Sandstone.				
Longmeadow	@ 80	80 @ 90		95 @ 1 16
Kibbe	@ 90	90 @ 1 10		
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	55 @ 1 00
Berea } Ohio	75 @ 1 00	80 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 4
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 00 @ 1 1
Caen	@	@ 2 00	"	1 25 @ 1 5
Carlisle, English	@ 1 05	80 @ 90		95 @ 1 1
Corse Hill (Scotch)	1 05			
Marble (℔ cu. ft.				
Lee, Mass	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and Blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined	@	50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna	@	3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red	@	1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville	@	85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@		*Not sold.*	2 00 @ 3 00
Vermont, white	@	1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ square)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75		6 25 @ 6 85	3 25 @ 4 00
" " Chapmans	— —	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 0	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am. ℔ M	@		*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil*, ℔ *lb.*)				
White lead, Am.	7 @ 7½	7 @ 7½	6½ @ 7	@ 7
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am.,	6½ @ 7	7 @ 7½	6½ @ 7½	@ 7
" Venetian	8 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. @ 60
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	10 @ 20	@ 12
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" @ 18
Black, lamp,	15 @ 25	15 @ 25	8 @ 30	@ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw) (℔ gal.)	56 @ 58	60 @ 61	59 @ 60	@ 58
" " boiled (℔ gal.)	59 @ 61	63 @ 64	62 @ 63	@ 60
Turpentine (℔ gal.)	40 @ 41	41 @ 44	45 @ 50	@ 54
Varnish, coach (℔ gal.)		1 50 @ 6 00	1 25 @ 2 00	@ 275
Shellac		2 50 @ 3 00	2 25 @ 4 00	@ 3 25
Putty	2 @	2 @ 4	02½ @ 02½	@ 2
Whiting (℔ dry)	75 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.,) (℔ dry)	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Litharge, Am (℔ dry)	5½ @ 6	5½ @ 6½	6½ @ 7½	@ 7
Sienna (burnt) (℔ dry)	16 @ 20	16 @ 20	4 @ 16	@ 14
Umber, " (℔ dry)	14 @ 20	14 @ 20	2 " 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85		2 05 @	pr kg @ 2 1·
10d. common	@ 2 60	@ 2 15	@ 2 15	@ 2 10
Shingle	@ 3 35	@ 2 65	@ 2 65	@ 2 40
Lath	@ 4 85	@ 3 65	@ 3 55	3 00 @ 3 50
Finishing nails according to size.			Add .85 to $1.15	per ℔ 11 @ 14
(*For casing nails add 75c. per keg.*)			" .50 to .90	Add pr cask
Butts: 4" x 4" (℔ doz. pairs.)				2 90 (all kinds.) @ 1 44
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 57
Japanned	@ 1 50	@ 1 75	*Not sold.*	175 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	48 @ 50
Ball Tip, Boston Finish. ℔ pair.)	@ 65	@ 50	*Not sold.*	@ 1 75
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 00
Brass (or supboards)	@ 10	@ 10	@ 12	@ 35
Ebony				37 @ 1 00
Apple wood				
Knobs: (℔ *Set.*)				
Mineral, best	@ 8	@ 8	5 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hematite	*Not sold*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 2 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 %	22 @ 28
Sheet Lead		@ 6½		12 @ 13½
Lead Pipe		@ 6½		6 @ 6½
Iron:				
I-Beams, up to and including 30 ft.	3 3-10 @ 3½	2 8-10 3½	@ 4	@ 2 8-10
I-Beams, over 30 ft. ½, ½, ¾ c. advance.	@		@ 4	@ 2 8-10
Channel-Beams	3 3-10 @ 3½	2 8-10 3½	@ 4	@ 2 8-10

PAGE Steam Heater.



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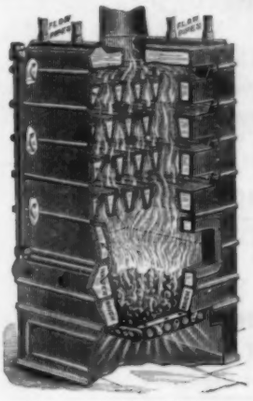

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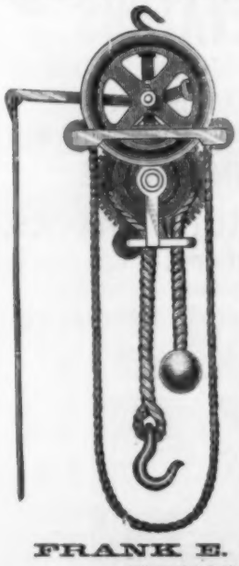

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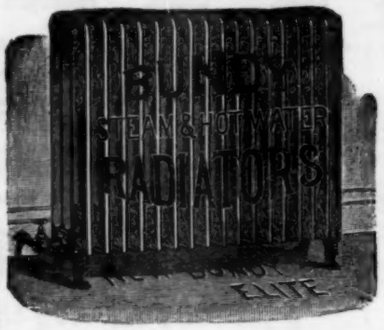

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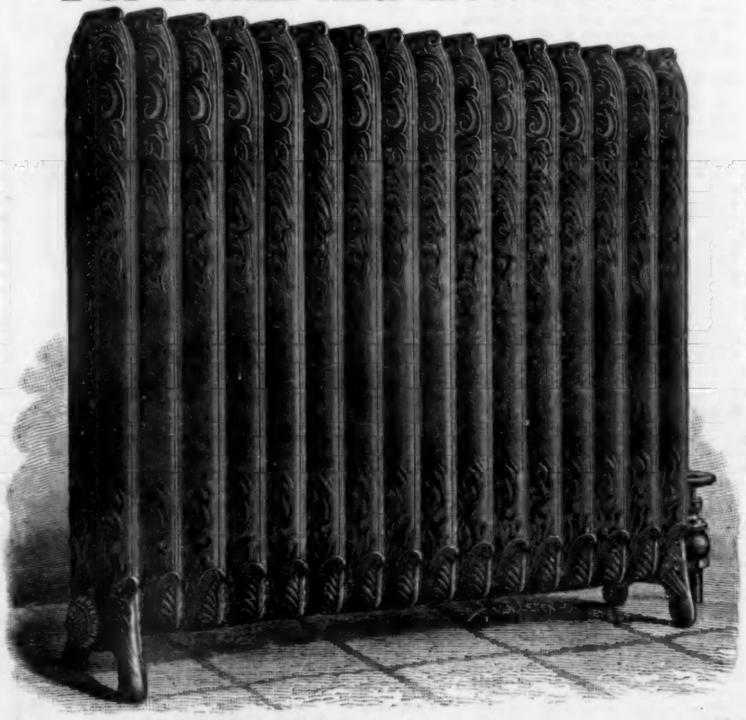

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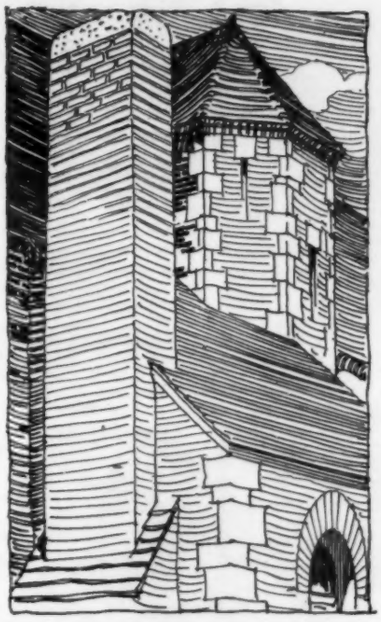

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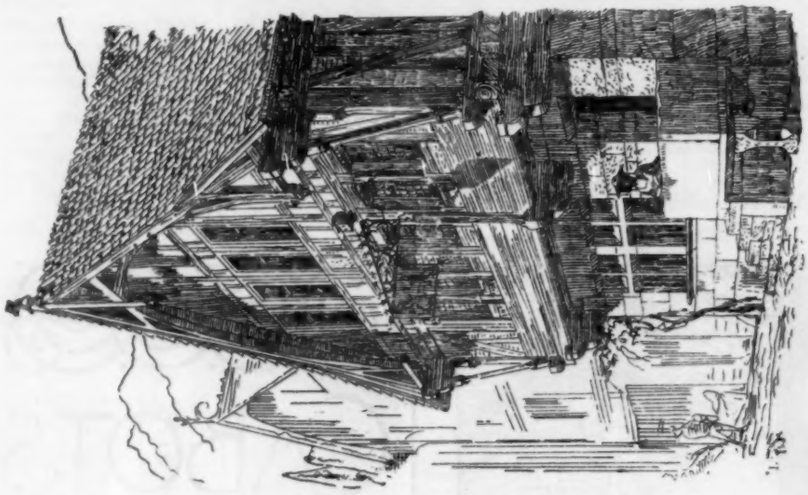

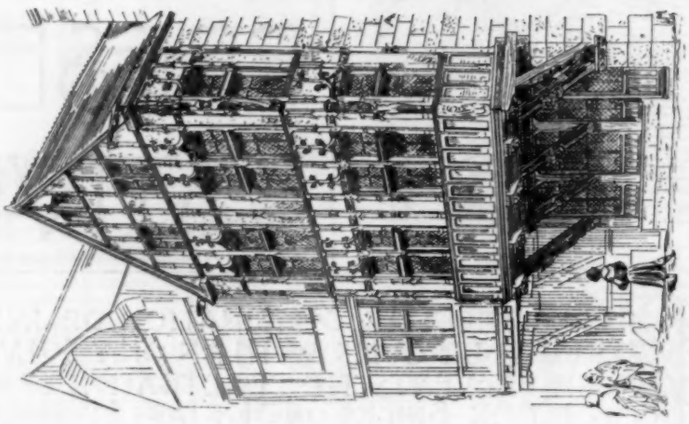

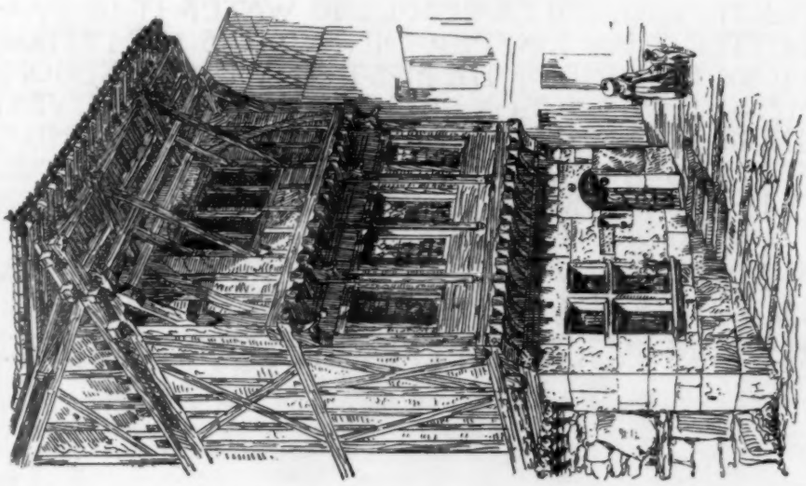

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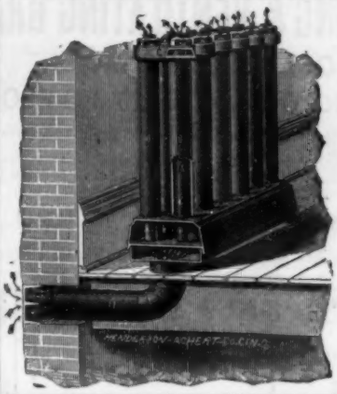

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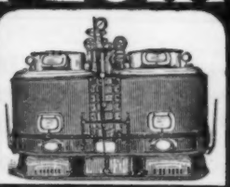

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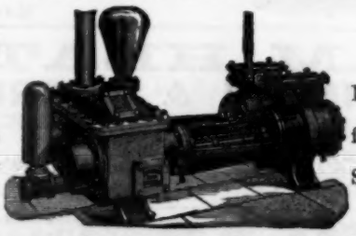

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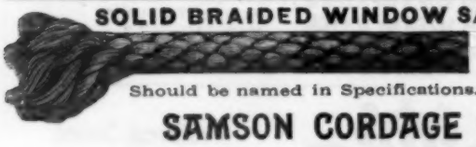

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New Advertisements.

JAMES A. MILLER & BRO. (Chicago, Ill.), Roofers. Page iii.
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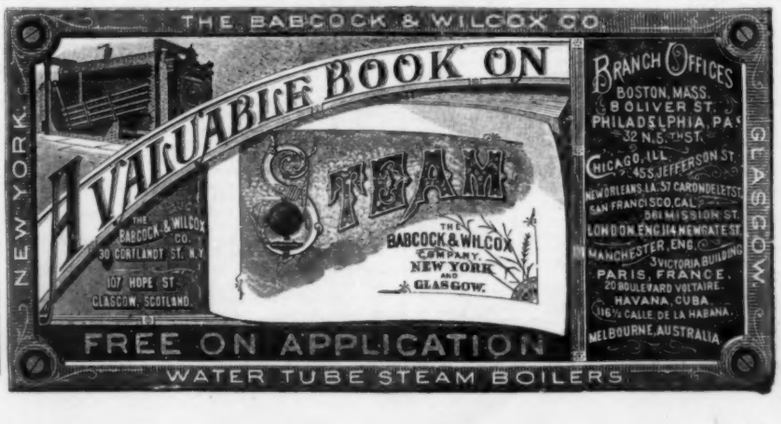

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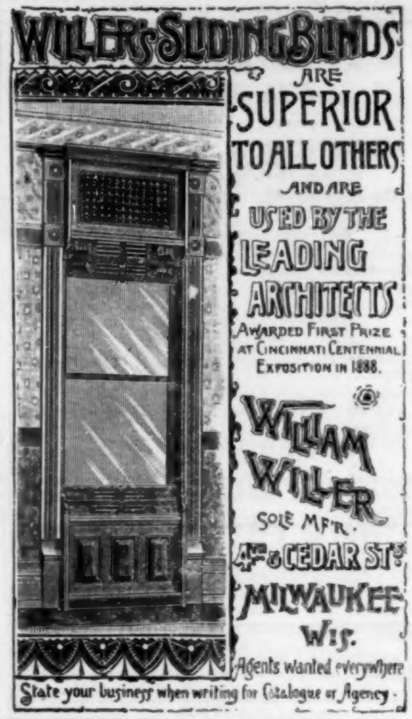

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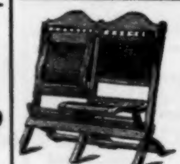

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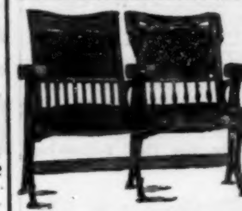

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PROPOSALS.

June 5th, 1889. Sealed proposals will be received at the office of the Supervising Architect, United States Treasury Department, Washington, D. C., until two o'clock P. M. on the 20th day of June, 1889, for the labor and material necessary in the extension of the boiler-vault, removal of old steam-boiler, and furnishing and putting in place, complete, two new steam-boilers in the southeast court of the Treasury Building, Washington, D. C., in accordance with the drawing and specification, copies of which may be had on application at this office. Each bid must be accompanied by a certified check for $100. JAS. H. WINDRIM, Supervising Architect. 702

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Boston, Mass.—*West Fourth St., No.* 235, Ward 13, alterations to frame dwell. and store; owner, D. S. McAvoy; builder, W. Saunders.

North Sq., No. 33, Ward 6, addition to brick dwell. and store; owner, Margaret Thompson.

Delle Ave., No. 25, Ward 22, addition to brick dwell. and rebuild L; owners, E. & E. Duggan; builder, R. D. Ward.

West Broadway, No. 290, Ward 13, remodel frame dwell. and store; owner, Catherine Walsh; builders, J. Cavanagh & Son.

Winthrop St., No. 56, Ward 20, addition to frame dwell.; owner, A. M. Bullard; builder, F. Vallie.

Freehold, N. J.—Alterations to Dutch Reformed Church; architect, Mr. Pursell.

Philadelphia, Pa.—*North Thirteenth St., Nos.* 133-135, additions and front alterations to warehouse; owner, Peter Thompson, 2037 Filbert St.

McKean St., No. 839, brick back extension; owner, Thos. Grieve, on premises.

Brown St., No. 1311, third story on back building; owners, Nutz & Worthington, 1308 Wallace St.

York St., cor. Thompson St., two-st'y addition to glass factory; owner, George Burton, 1545 East Montgomery Ave.

Yardley, N. J.—Remodelling St. Andrew's P. E. Church; architect, Mr. Pursell.

BUILDING INTELLIGENCE.

APARTMENT-HOUSES.

Boston, Mass.—*Bladgen St., No.* 15, Ward 11, five-st'y brick apartments, flat roof, 25' 6" x 90'; owner and builder, S. W. Merritt.

Exeter St., cor. Bladgden St., Ward 11, seven-st'y brick apartments, flat roofs, 67' x 84'; owner, N. Ma thews, Jr.

Chicago, Ill.—F. Neisen, 2 three-st'y flats, North Halsted St.; cost, $14,000; architect, O. Boos.

J. Harnes, two-st'y flats, West Congress St.; cost, $5,000; architect, C. Muhler.

M. Thometee, two-st'y flats, West Twelfth St.; cost, $5,000; architect, O. Balsseler.

Geo. Andrin, three-st'y flats, La Salle St.; cost, $9,000; architect, A. Smith.

C. L. Clancy, two-st'y flats, West Congress St.; cost, $6,000; architect, O. G. Pierce.

G. S. Koehl, two-st'y flats, Elkgrove Ave.; cost, $2,600; architect, W. Ohlhaber.

W. Schmidlgen, four-st'y flats, Larrabee St.; cost, $9,500; architect, E. R. Krause.

S. Hoffman, three-st'y flats, Clark St.; cost, $3,000; architect, T. N. Bill.

A. Wesenberg, two-st'y flats, Wood St.; cost, $3,000; architect, F. C. Groh.

D. Yamansky, three-st'y flats, Harrison St.; cost, $5,000; architect, Wm. Strippelman.

T. Purcell, 2 three-st'y flats, West Twelfth St.; cost, $10,000; architect, N. S. Devine.

J. Kotelinek, three-st'y flats, West Nineteenth St.; cost, $4,500; architect, A. Charvat.

F. Stashnz, two-st'y flats, West Fourteenth St.; cost, $3,500; architect, same as last.

O. E. Laisen, two-st'y flats, Evergreen St.; cost, $5,000; architects, Lutken & Thisslen.

F. J. Johnson, 2 four-st'y flats, North Curtis St.; cost, $10,000; architects, same as last.

N. S. Christiansen, two st'y flats, Wentworth Ave.; cost, $3,000; architects, J. F. & J. P. Doerr.

Mrs. H. Cohn, three-st'y flats, Halsted St.; cost, $8,000; architects, same as last.

J. McNamara, owner and architect, two-st'y flats, Wassan St.; cost, $4,400.

C. Nagle, owner and architect, two-st'y flats, Stevens St.; cost, $2,700.

Mrs. M. L. Tremain, two-st'y flats, Shields Ave.; cost, $2,500; architect, L. Tremain.

New York, N. Y.—*Mott St., No.* 17, five-st'y brick flat, tin roof; cost, $16,000; owner, John P. White, 874 Seventh Ave.; architects, Schneider & Herter, 48 Bible House.

Spring St., No. 73, five-st'y brick flat, tin roof; cost, $26,000; owners, Fish, Schneider & Herter, 160 East One Hundred and Twenty-ninth St.; architects, Schneider & Herter, 48 Bible House.

Spring St., No. 71, five-st'y brick flat, tin roof;

cost, $26,000; owners, Fish, Schneider & Herter, 160 East One Hundred and Twenty-ninth St.; architects, Schneider & Herter, 48 Bible House.

Spring St., Nos. 67-69, five-st'y brick flat, tin roof; cost, $25,000; owners, Fish, Schneider & Herter, 160 East One Hundred and Twenty-ninth St.; architects, Schneider & Herter, 48 Bible House.

West Forty-eighth St., No. 504, five-st'y brick flat, tin roof; cost, $14,500; owner, John Preissinger, 454 West Forty-fifth St.; architect, Joseph Wolf, 55 Liberty St.

West Thirty-fifth St., No. 445, five-st'y brick flat, tin roof; cost, $17,000; owner, Wm. Moore, 516 West Fifty-second St.; architect, Geo. Keister, 55 West Thirty-third St.

Ninth Ave., e s, from One Hundred and First to One Hundred and Second Sts., 8 five-st'y brick flats, tin roofs; cost, $168,000; owner, James A. Frame, 105 East Seventh St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Fourteenth St., s s, 88' w Avenue C, 9 five-st'y brick flats, tin roofs; cost, $275,000; owner, Patrick McManus, 245 West One Hundred and Thirty-fifth St.; architects, A. B. Ogden & Son, 1031 Madison St.

East Fifty-fourth St., Nos. 112-114, 2 five-st'y brick flats, tin roofs; cost, $35,000; owners, Hollister & Friedline, 214 East Forty-seventh St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Sheriff St., No. 107, five-st'y brick flats, tin roof; cost, $18,000; owners, Loonie & Parker, 115 East Eighty-ninth St.; architects, Bentz & Lang, 153 Fourth Ave.

West Sixteenth St., Nos. 248-250, 2 five-st'y brick flats, tin roofs; cost, $34,000; owner, Wm. Rankin, 253 West Fifty-first St.; architect, Geo. Keister, 55 West Thirty-third St.

Thirty-ninth St., s s, 150' to 175' w Ninth Ave., five-st'y brick flats, tin roof; cost, $18,000; owners, R. & Robt. Auld, Jr., 944 Eighth Ave.; architect, Ralph S. Townsend, s e cor. Seventy-second St. and Ninth Ave.

West Twenty-ninth St., No. 434, five-st'y brick flat, tin roof; cost, $18,000; owner, Wm. Mulgrew, 403 West Twenty-first St.; architect, James W. Cole, 403 West Fifty-first St.

Second Ave., e s, 50' 5" n One Hundred and Eighth St., 2 five-st'y brick flats, tin roofs; cost, $40,000; owner, Lydia Uren, 1796 Ninth Ave.; architect, Chas. Baxter, 133 East One Hundred and Twenty-fourth St.

Ninth Ave., w s, from Eighty-first to Eighty-second Sts., 2 seven-st'y brick flats, tin roofs; cost, $700,000; owner, Chas. Fuller, 137 Broadway; architect, E. L. Angell, 94 Liberty St.

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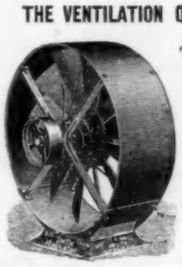

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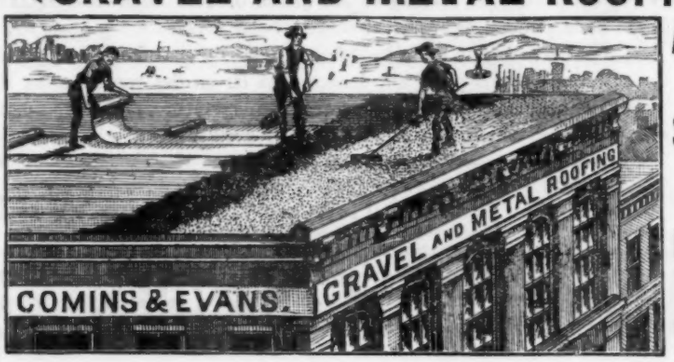

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BUILDING INTELLIGENCE.

One Hundred and Thirty-third St., s s, 92' 4" e St. Nicholas Ave., five-st'y brick flat, tin roof; cost, $15,000; owner, Thos. I. O'Kane, 203 Alexander Ave.; architects, Webster & Hammond, 110 East One Hundred and Twenty-fifth St.

Lexington Ave., n w cor. Ninety-fifth St., five-st'y brick flat, tin roof; cost, $30,000; owner, Francis J. Schnugg, 9 East Eighty-fifth St.; architect, Frank Wenemere, 204 East Eighty-sixth St.

East Third St., No. 70, five-st'y brick flat, tin roof; cost, $20,000; owner, William Franz, 93 Cherry St.; architect, Herm Horenburger, 52 First Ave.

Ninth Ave., n e cor. One Hundredth St., five-st'y brick flat, tin roof; cost, $25,000; owners, R. & J. Gordon, 230 East Forty-second St.; architect, I. B. Cashman, 1 Broadway.

Roxbury, Mass.—*Hazelwood St.*, three-st'y frame apartments, 28' x 44'; cost, abt. $7,500; owner and architect, Alden Frink; builder, C. H. Blodgett.

Dale St., cor. Walnut Ave., three-st'y frame apartments, pitch roof, 26' x 64'; cost, abt. $10,000; owner, Geo. B. Nicholas; architect, Alden Frink, Boston; builder, C. H. Blodgett.

CHURCHES.

Athens, Ala.—Work has commenced on a new church for the Cumberland Presbyterian; cost, $25,000.

Baltimore, Md.—Chas. E. Cassell, architect, is preparing plans for a new church and parsonage for the Associated Reformed Church to be built cor. Maryland Ave. and Preston St.; cost, abt. $100,000.

Freehold, N. J.—Baptist Church; cost, $18,000; architect, Mr. Pursell.

New York, N. Y.—*Madison Ave.*, e s, from One Hundred and Twenty-ninth to One Hundred and Thirtieth Sts., one-st'y brick church, peak and slate roof; cost, $100,000; owners, All Saints' Church, 47 East One Hundred and Twenty-ninth St.; architects, Renwick, Aspinwall & Russell, 71 Broadway.

One Hundred and Twenty-fifth St., n w cor. Ninth Ave., one-st'y brick church, peak, slate and tin roof; cost, $120,000; owners, St. Joseph's Church, 405 West One Hundred and Twenty-fifth St.; architects, Herter Bros., 191 Broadway.

East One Hundred and Twelfth St., No. 160, four-st'y brick (church) synagogue, tin roof; cost, $20,000; owners, Cong. Moses Montifiore, 72 East One Hundred and Twelfth St.; architect, Alex. I. Finkle, s w cor. Broadway and Spring St.

Philadelphia, Pa.—*Frankford Ave. and Aramingo St.*, Baptist Church; architect, Mr. Pursell.

Broad and Mount Vernon Sts., Avondale and Indiana limestone church; cost, abt. $50,000; owners, St. Mathews Lutheran Church; architect, Mr. Pursell.

Broad St., n e cor. Montgomery Ave., church, stained-glass windows, electric-lights, and organ in the chapel to be connected with the one in the church by electricity; owners, The Universalist Church of the Messiah.

Broad St., cor. Berks St., Grace Baptist Church, Avondale stone church; cost, $200,000 or over; architect, T. P. Lonsdale.

FACTORIES.

Boston, Mass.—*Irvington and Harcourt Sts.*, Ward 11, one-st'y brick factory, flat roof, 167' x 220'; owner, J. R. Coolidge; builder, C. A. Dodge.

Chicago, Ill.—C. Gottschalk, three-st'y factory, West Division St.; cost, $8,000; architect, H. Sierks.

Newman Bros., five-st'y factory, Dix St.; cost, $35,000; architects, J. M. Van Osdel & Co.

J. Clark, five-st'y factory, Randolph and Canal Sts.; cost, $40,000; architect, E. A. Shelton.

New York, N. Y.—*Hester St., No.* 88, six-st'y brick workshop, tin roof; cost, $14,000; owners, Mary Bros., 551 Grand St.; architect, William Graul, 215 Bowery.

Bowery, No. 143, five-st'y brick factory, metal roof; cost, $18,000; owner, Henry W. Baker, *et al.*, 37 Fifth Ave.; architects, John B. Snook & Sons, 12 Chamber St.

Centre St., s w cor. Walker St., seven-st'y and basement brick factory and stores on first floor; Wm. H. Carpenter, agent; cost, $60,000; architect, Fred Ebeling.

HOUSES.

Baltimore, Md.—R. M. Chambers, 10 three-st'y brick buildings, e s Cedar Ave., bet. Second and Third Sts.; and 2 three-st'y brick buildings, w s Beach Ave.

Henry Fussell, 3 three-st'y brick buildings, e s Belair Ave., n North Ave.

Thos. F. McHugh, three-st'y brick building, e s Charles St., bet. Boundary Ave. and First St.

W. R. Llewellwyn, 4 two-st'y frame buildings, w s Second St., n North Ave.; and 2 two-st'y frame buildings on Windsor Ave., n North Ave.

W. T. Phillips, 7 three-st'y brick buildings, beg. s e cor. Mosher St. and Druid Hill Ave.

Matthew O. Müller, 7 two-st'y brick buildings, w s Hare St., n Elliott St.

Trinity Third Evan. Church, 2 three-st'y brick buildings, w s Clark St., e Fremont St.

Jos. M. Cone, 20 three-st'y brick buildings, w s McCulloh St.; and 17 three-st'y brick buildings, e s Druid Hill Ave., bet. Mosher and McMechin Sts.

Aug. Luken, three-st'y brick building, e s Cannon St., s North Ave.

C. C. Buck, 3 three-st'y brick buildings, e s Linden Ave., n Townsend St.

Rebecca Williams, 6 two-st'y brick buildings, s s Fort Ave., bet. Light St. and Patapsco Alley.

C. R. Williams, 2 two-st'y brick buildings, s s Fort Ave., bet. Patapsco Alley and Charles St.

Benjamin Glenn, three-st'y brick building, n e cor. Baltimore St. and Patterson Park Ave.

Mrs. M. S. Forbes, three-st'y brick building, w s Calvert St., n Biddle St.

W. J. Clendinen, 3 three-st'y brick buildings, e s Caroline St., n Preston St.

Jas. C. Griffin, 21 two-st'y brick buildings, n s Chew St., bet. Washington and Chester Sts.; 23 two-st'y brick buildings, e s Castle St.; and 23 two-st'y brick buildings, w s Castle St., n Chew St.

J. E. Cullimore, 23 two-st'y brick buildings, w s Shields Alley; 15 two-st'y brick buildings, e s Shields Alley; 3 two-st'y brick buildings, w s Argyle Ave., bet. Hoffman and Dolphin Sts.

Dr. Wm. Whitridge, three-st'y brick building in rear s e cor. Richmond St. and Tyson Alley.

Michael Schwartz, 3 two-st'y brick buildings, w s Patterson Park Ave., bet. Fairmount and Fayette Sts.

Boston, Mass.—*Ocean St.*, cor. Roslin St., Ward 24, frame dwell., 27' 2" x 51'; owner, G. A. Eastman; builder, F. M. Severance.

Dale St., No. 68, three-st'y frame dwell., pitch roof, 26' x 64' 2"; owner, G. B. Nichols; builder, C. H. Blodgett.

Spruce St., near Florence St., Ward 23, frame dwell., 30' x 42'; owner and builder, W. Griswold.

East Eighth St., Nos. 445-449, Ward 15, three-st'y frame dwell. and store, flat roof, 23' x 50', and three-st'y frame dwell. and store, flat roof, 23' x 53'; owner, J. Defreu; builder, J. Luippold.

Monks St., cor. East Sixth St., No. 697, Ward 14, three-st'y frame dwell., flat roof, 23' 6" x 60'; owner, Mrs. F. Sheridan; builder, H. L. Clark.

Boutwell Ave., cor. Frost Ave., Ward 24, three-st'y frame dwell., pitch roof, 36' x 37'; owner, G. E. Frost.

River View Ave., near Huntoon St., Ward 24, one-st'y frame dwell., 16' x 28'; owner and builder, E. W. Lapham.

Napper St., near Ellis St. Ward 21, three-st'y frame dwell., pitch roof, 22' x 42'; owners, Bernard & Wessling; builder, P. Schneider.

Tucker St., near Lauriat Ave., Ward 24, frame dwell., 22' x 40'; owner, S. A. Tucker; builder, W. McLaughlin.

Unnamed St., off Baker St., near Gardner St.,

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Ward 23, 2 one-st'y frame dwells., 24′ x 27′; owner, John Hewley; builders, J. A. Vickery & Son.

Jefferies St., near Marginal St., Ward 2, 4 three-st'y frame dwells., flat roofs, 20′ x 31′; owner and builder, G. W. Hargrave.

Paul Gore St., near Centre St., Ward 23, frame dwell., 25′ x 44′; owner, Susan Rauh; builder, J. Luippold.

River and Oakland Sts. and Blue Hill Ave., Ward 24, two-st'y frame dwell., stores, etc., flat roof, 41′ x 73′; owner, J. B. L. Bartlett; builders, J. H. Burt & Co.

Ware St., near Trull St., Ward 24, frame dwell., 28′ x 41′, owner, H. Mullen; builder, W. J. Jobling.

Foster St., near Washington St., Ward 25, two frame dwells., 17′ 6″ x 39′; owner and builder, S. J. Wilde.

Summer St., No. 289, Ward 2, three-st'y frame dwell., flat roof, 21′ x 54′; owner, H. Essman; builder, T. Newby.

Thornton St., near Ellis St., Ward 21, three-st'y frame dwell., flat roof, 22′ x 40′; owner, Balsar Schaff; builder, P. Schneider.

Ashford St., cor. Chester St., and near Chester St., Ward 25, two frame dwells., one 28′ x 33′, one 27′ 6″ x 35′; owner of one, G. R. Swallow; of the other, F. N. Peloubet; builder of both, J. H. McLeod.

Silver St., No. 116, Ward 13, three-st'y frame dwell., 20′ 6″ x 34′, flat roof; owner, Mary A. Malone; builder, Daniel Martin.

Newbury St., Nos. 426-428, Ward 22, 2 three-st'y brick dwells., flat roofs, 27′ 6″ x 44′; owner and builder, T. R. White.

Meridian St., near Falcon St., Ward 1, frame dwell., 20′ 6″ x 54′ 10″; owner, A. F. Low; builders, McGaragle & Co.

Bayswater St., near Butler Ave., Ward 1, frame dwell., 24′ x 36′ 6″; owners, Boston Land Co.; builder, P. M. Hayden.

Glenavon St., cor. Merritt St., Ward 24, frame dwell., hip roof, 30′ 6″ x 39′; owner, C. H. Jenkins.

Bennington St., No. 98, Ward 1, frame dwell., flat roof, 20′ 6″ x 40′; owner, Joseph Sylva; builder, N. W. Foye.

Liverpool St., No. 13, Ward 2, three-st'y frame dwell., flat roof, 20′ x 55′; owner, Irvin Associates; builder, J. C. Hamilton.

Tremont St., No. 85, Ward 3, three-st'y frame dwell. and store, flat roof, 13′ x 20′; owner and builder, E. G. Mansfield.

Arlington Pl., Nos. 1-3, Ward 3, 3 three-st'y frame dwells., flat roofs, 18′ x 29′; owner and builder, E. G. Mansfield.

Rutherford Ave., No. 40, Ward 5, three-st'y frame dwell., flat roof, 24′ x 46′ 4″; owner, J. F. Wall; builder, I. W. McArthur.

Temple St., near Winslow St., Ward 23, frame dwell., 23′ x 44′; owner, B. H. Conig; builders, Roberts & Murray.

Cliff St., No. 37, Ward 21, three-st'y frame dwell., flat roof, 31′ x 35′ 6″; owner, W. W. Lord; builder, A. M. Brown.

St. John St., near Centre St., Ward 23, frame dwell., 27′ x 46′; owner, Henry Hart; builder, J. D. Wester.

Cambridge, Mass.—*Chauncey St.*, frame dwell., 45′ x 48′; owner, Dr. Geo. Goodale; contract to be let; architects, Longfellow, Alden & Harlow, Boston.

Chicago, Ill.—M. Barbe, 2 three-st'y dwells., Prairie Ave.; cost, $20,000; architect, J. A. Thain; two-st'y dwell., Thirty-second St.; cost, $6,000; architect, same as last.

G. H. Williams, three-st'y dwell., West Jackson St.; cost, $8,000; architect, D. S. Pentecost.

R. N. Weld, 2 two-st'y dwells., Oak Ave.; cost, $12,000; architect, R. W. Weld.

G. N. Kellner, three-st'y dwell., Sedgwick St.; cost, $12,000; architect, T. Karls.

J. Levy, two-st'y dwell., Michigan Ave.; cost, $8,000; architects, Wilson, Marble & Lawson.

G. Garnett, three-st'y dwell., Grand Bou.; cost, $9,000; architects, Thomas & Rapp.

W. D. Kerfoot & Co., six dwells., Jane St.; cost, $11,000.

Mrs. Dooley & Mrs. Parker, 2 three-st'y dwells., Calumet Ave.; cost, $10,000; architect, C. J. Warren.

A. L. Coe, 3 three-st'y dwells., Elm St.; cost, $15,000; architects, Treat & Foltz.

Cincinnati, O.—J. G. Ahrens, dwell. and stable, 463 Sycamore St.; cost, $4,100; architects, Reig & Marty.

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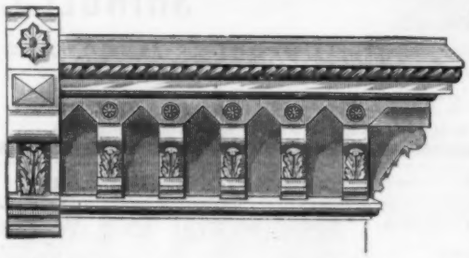
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Geo. W. Thompson, two-and-one-half-st'y dwell., Chewey St.; cost, $3,150; architect, Ed. Anderson.

Mrs. S. Ecker, two-and-one-half-st'y brick dwell., Deerfield Pl.; cost, $3,000; architect, Jas. Weiler.

Dominick McGoen, three-st'y brick dwell., Grand Ave.; cost, $3,300; architects, G. & A. Brink.

Chas. Schneider, three-st'y brick dwell. and store, Clay and Main Sts.; cost, $3,300; architect, Theodore Richter.

Louis Theler, 2 two-and-one-half-st'y frame dwells., Riley Ave.; cost, $3,600; architect, Martin Fisher.

Colorado Springs, Col.—Frame dwell.; owner, Mr. Baker; contract to be let; architects, Longfellow, Alden & Harlow, Boston.

Philadelphia, Pa.—*Cleveland Ave.*, e s, 37 two-st'y dwells.; builder, Jno. M. Sharp, 1936 South College Ave.

Twenty-first and Wallace Sts., six brick dwells.; owner, James Corcoran, 1630 Fairmount Ave.

Susquehanna Ave., No. 1338, two-st'y brick building; owner, C. F. Wittig, 1520 Bodine St.

Jackson St., n s, bet. Sixth and Seventh Sts., 7 two-st'y brick dwells.; owner, William H. Messick, 513 Snyder Ave.

Tacony St., s s, bet. Tucker and Margaretta Sts., three-st'y dwell. and two-st'y store; contractor, Thos. Waters, 4821 Melrose St., Frankford.

Richmond St., w s, ab. Neff St., 3 three-st'y brick dwells.; owner, Chas. Judge, 3014 Richmond St.

Gates St., n s, ab. Wood St., 2 two-st'y dwells.; contractor, John W. Fitzinger, Gates St., Roxborough.

Sumac St., s w cor. Jauretta Ave., one-st'y brick dwell.; contractor, John W. Fitzinger, Gates St., Roxborough.

Reed St., s s, w Nineteenth St., three-st'y dwell.; owner, Mary E. Magee, 1007 Walnut St.

Tasker St., s s, bet. Nineteenth and Twentieth Sts., 9 two-st'y brick dwells.; builder, Alexander Wilson, 2106 Fitzwater St.

Frankford Rd., No. 3700, three-st'y brick dwell.; owner, James A. Brooks, 2162 Cumberland St.

North Twenty-third St., Nos. 302-304, 2 three-st'y brick dwells.; owner and builder, William T. Stevenson, 2236 Virginia St.

Thompson St., w s, n Urban St., two-st'y brick dwell.; owner, George Oberholtzer, 2646 Edgemont St.

Germantown Ave., No. 4106, three-st'y brick store and dwell.; owner, Ernst Zille, 4108 Germantown Ave.

One Hundred and Twenty-ninth St., n s, 90' w Fourth Ave., 5 three-st'y brick dwells., tin roofs; cost, $50,000; owner, William Astor, 350 Fifth Ave.; architect and carpenter, John Downey, 407 West Thirty-third St.

Smick St., s e s, w Jefferson St., 9 three-st'y stone dwells.; owner, S. S. Kelly, 350 Green La.

Woodland Ave., n s, e Fifty-ninth St., two-st'y brick dwell.; owner, H. L. Urian, 5°03 Woodland Ave.

Ridge Ave., e s, bet. Twenty-ninth and Thirtieth Sts., two-st'y and three-st'y brick dwell.; owner, David Gardner, 2926 Diamond St.

Fifty-first St., n w cor. Floral Ave., two brick dwells.; owners, Andrew J. Mosby & Sons, Sixty-first St. and Florence Ave.

Fairhill St., w s, s Cambria St., two-st'y brick dwell.; owner, Joseph Stinson, 2846 Fairhill St.

Thirty-ninth St., n e cor. Susquehanna Ave., 6 two-st'y brick dwells. and one-st'y brick dwell. and store; builder, J. H. Jordan, Twenty-third and Jefferson Sts.

Providence, R. I.—*Niagara and Atlantic Sts.*, two-st'y frame building; cost, $11,000; owner, Turnverein Society; architect, Clifton A. Hall; builders, J. P. Arnold and C. H. Clark.

Roxbury, Mass.—*Cedar St.*, frame dwell., 30' x 54'; cost, abt. $7,000; owner, James Gormly; architect, Alden Frink, Boston; builder, C. H. Blodgett.

Elmore St., frame dwell., 30' x 54'; cost, abt. $8,000; owner, Mrs. Samuel Atwood; architect, Alden Frink, Boston; builder, C. H. Blodgett.

Elmore St., frame dwell., 30' x 54'; cost, abt. $8,000; owner, Miss Mary R. Nelson; architect, Alden Frink, Boston; builder, C. H. Blodgett.

St. Louis, Mo.—Two two-st'y brick dwells; cost, each, $2,600; owner and contractor, Geo. Smith.

Four adjacent two-st'y and mansard brick dwells.; cost, $12,000; owner, Abner Cooper; architect, C. Arndt; contractor, A. Cooper.

Two two-st'y brick dwells.; cost, $3,000; owners and contractors, Wm. S. Balson & Son.

Two-st'y brick dwell.; cost, $3,200; owner and contractor, H. W. Boone.

Three-st'y brick dwell.; cost, $2,500; owner, W. Schybol; contractor, J. H. Frye.

Two-st'y brick dwell.; cost, $2,800; owner, J. Marconnot; contractor, A. Logrees.

Three-st'y brick dwell.; cost, $3,700; owner, F. Lechtermann; contractor, Tiemann.

Two-st'y brick dwell.; cost, $3,226; owner, Mrs. A. Crump; contractor, C. Henke.

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Two-st'y brick dwell.; cost, $3,000; owner, Jos. Moller; architect, O. P. Koenig; contractor, Aug. Fenner.

Two-st'y brick dwell.; cost, $6,000; owner, J. D. Paulus; contractor, M. J. Hatfield.

Two-st'y frame dwell.; cost, $2,800; owner, H. H. Schroeder; contractor, R. Dietman.

Two-st'y brick dwell.; cost, $3,000; owner and contractor, Thos. C. Higgins.

Two-st'y brick dwell.; cost, $3,000; owner, H. Hartman; architect, O. J. Wilhelm; contractors, Wm. Rewe & Son.

HOTELS.

Dallas, Texas.—It is reported that a hotel will be built by a company; cost, $1,000,000.

OFFICE-BUILDINGS.

Louisville, Ky.—A site has been purchased by the Louisville Safety Vault & Trust Co. on which to build an office-building; cost, abt. $250,000.

SCHOOL-HOUSES.

Cincinnati, O.—Trustees of St. George's Catholic School, school-house, Calhoun St.; architects, Reig & Magarty.

STABLES.

Boston, Mass.—*Tibbets Town Way*, near Rutherford Ave., Ward 4, frame stable, flat roof, 35' x 40'; owner, G. E. Farmer; builder, C. O. Stone.

Washington St., rear, near Forest Hill Station, Ward 23, one-st'y frame stable, pitch roof, 17' x 26'; owner, James McGuire.

New York, N. Y.—Brick front stable; cost, $17,000; owner, J. Goldberg; architect, Franklin Bayles.

One Hundred and Thirty-ninth St., w s, 310 e Sixth Ave., three-st'y brick stable, tin roof; cost, $13,000; owner, Mary Bourne, 2360 Third Ave.; architect, Julius Munkowitz, 247 West One Hundred and Twenty-fifth St.

Eighty-fourth St., n s, 250' w Fourth Ave., three-st'y brick stable, tin roof; cost, $15,000; owner, Louis Sterne, 993 Fifth Ave.; architects, Wm. Schickle & Co., 346 Broadway.

West Third St., Nos. 122-128, four-st'y stable; cost, $50,000; owner, Christina S. Wylie; architect, B. E. Lowe.

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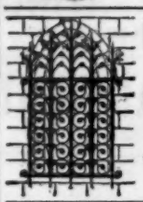

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BUILDING INTELLIGENCE.

Columbia St., No. 8, five-st'y brick stable, metal roof; cost, $10,000; owners, Manhattan Pie Baking Co., 5 Cannon St. and 540 Grand St.; architects, John B. Snook & Son, 12 Chambers St.

Ninety-ninth St., n s, 350′ w Ninth Ave., three-st'y brick stable, mansard, Spanish tile and tin roof; cost, $25,000; owners, Fire Department, City of New York, 159 East Sixty-seventh St.; architects, N. Le Brun & Sons, 24 Park Pl.

Philadelphia, Pa.—*South Ninth St., Nos.* 1634-1636, two-st'y brick stable and shop; owner, Frederick A. Robinson, 1314 South Eighth St.

Fifty-third St., w s, s Wyalusing Ave., one-st'y brick stable; owner, Adam N. Ray, Fifty-third St. and Wyalusing Ave.

Morris St., n s, w Nineteenth St., two-st'y brick stable; owner, John Simpson, 1719 Christian St.

Walnut St., No. 1219, two-st'y brick stable; builders, George F. Payne & Co., 401 South Juniper St.

STORES.

Boston, Mass.—*Main St.*, cor. Linwood Pl., Ward 5, one-st'y frame store, flat roof, 60′ x 80′; owners, O'Brien & Bond; builder, A. McDonald.

New York, N. Y.—*North Moore St., Nos.* 64-66, five-st'y brick store, tin roof; cost, $22,000; owner, Max Ams, 372-374 Greenwich Ave.; architect, William Graul, 215 Bowery.

West Twenty-second St., No. 51, four-st'y building; cost, $30,000; owners, Best & Co.; architect, Wm. A. Mundell, Brooklyn, N. Y.

Mount Morris Ave., s w cor. One Hundred and Twenty-fourth St., six-st'y brick and iron store; cost, $40,000; owners, Manhattan Building and Improvement Co.

Bond St., Nos. 42-44, seven-st'y brick store-building, tin roof; cost, $60,000; owner, Morris B. Baer, 72 West Thirty-fourth St.; architects, Buchmann & Deisler, 8 West Twenty-ninth St.

Grand St., s w cor. Elm St., four-st'y brick store-building, metal roof; cost, $40,000; owner, Herman Heedgerd, 324 East One Hundred and Sixteenth St.; architects, John B. Snook & Son, 12 Chambers St.

Bleecker St., s s, 25′ w Wooster St., six-st'y brick and iron store; cost, $40,000; owners, Manhattan Building and Improvement Co.; architect, Alfred Zucker.

TENEMENT-HOUSES.

New York, N. Y.—*Madison Ave., No.* 366, five-st'y brick tenement, tin roof; cost, $11,500; owners, J. J. O'Connell, 1020 East One Hundred and Thirty-eighth St., and Hannah J. Twigg, 152 East One Hundred and Twenty-sixth St.; architect, Andrew Spence, 2294 Third Ave.

One Hundredth St., n s, 250′ e Third Ave., 10 four-st'y brick tenements, tin roofs; cost, $120,000; owner, Henry Chenowith, 423 East Ninety-first St.; architect, Edward Wenz, 1491 Third Ave.

West Fifteenth St., No. 260, five-st'y brick tenement, tin roof; cost, $14,000; owner, Wm. Rankin, 253 West Fifty-first St.; architect, George Keister, 55 West Thirty-third St.

East One Hundred and Eighteenth St., Nos. 320-322-324, 3 five-st'y brick tenements, tin roofs; cost, $36,000; owner, Joseph Watkins, 304 East Forty-first St.; architects, Hornum Bros., 150 East One Hundred and Twenty-fifth St.

WAREHOUSES.

Chicago, Ill.—W. F. Newberry, five-st'y warehouse, Huron St.; cost, $20,000; architect, T. Hawks.

Calvin & Rice, five-st'y warehouse, Green St.; cost, $30,600; architect, S. V. Shipman.

Montgomery, Ward & Co., one-st'y warehouse, Michigan Ave.; architects, W. Goldie & Sons.

Philadelphia, Pa.—*Tulip St.*, n w s, n e Palmer St., three-st'y brick warehouse; contractor, Jno. H. Green, 714 Poplar St.

Tulip St., w s, n e Palmer St., three-st'y brick warehouse; contractor, John H. Green, 714 Poplar St.

MISCELLANEOUS.

Boston, Mass.—*Beacon St.*, near Chestnut Hill Ave., Ward 25, one-st'y frame waiting-room, pitch roof, 30′ x 40′; owners, West End St. Railway Co.

Boston St., opp. Jackson and Power Sts., Ward 15, two-st'y frame mechanical building, flat roof, 70′ x 212′; owners, Smith & Carleton; builders, D. H. Jacobs & Son.

Fellows Pl., No. 5, Ward 20, one-st'y brick carriage-house, flat roof, 22′ x 40′; owner, B. Dooly; builder, W. S. Spenceley.

East Fourth St., No. 636, Ward 14, frame mechanical building, 23′ 3″ x 37′; owner, J. P. Stumps; builder, T. Rayner.

Philadelphia, Pa.—*Prime St.*, s s, bel. Swanson St., one-st'y freight station; builder, Wm. L. Zeigler, for Pennsylvania Railroad.

Prime St., s s, bel. Front St., one-st'y brick freight station; builder, Wm. L. Zeigler, for Pennsylvania Railroad.

Kensington Ave., n w cor. P St., two-st'y brick shop and three-st'y brick dwell.; builders, Osborne Bros., 4304 Main St., Frankford, Pa.

Tenth St., e s Cambria St., one-st'y brick waiting-room and water-closet to graveyard; builder, A. W. Haines, 1513 Marshall St.

Franklin St., w s, ab. Somerset St., three-st'y mill-building; builders, Wm. Steele & Sons, 2436 North Front St.

Second St. and Glenwood Ave., three-st'y mill-building; builders, Wm. Steele & Sons, 2436 North Front St.

Savannah, Ga.—A three-st'y brick and stone depot-building will be built by the Savannah, Florida & Western Railroad; cost, abt. $150,000.

South Chester, Pa.—The Chester Steel Casting Co. have a new brick foundry under way; architect, J. Harris Reed, s w cor. Third and Walnut Sts., Philadelphia, Pa.

COMPETITION.

MUNICIPAL BUILDINGS.

[At New York, N. Y.]

New York, N. Y., April 22, 1889.

Notice to Architects.

In accordance with the provisions of Chapter 371 of the Laws of 1887, entitled "An act to provide for the erection of a building for criminal courts and other purposes in the city of New York," the Commissioners of the Sinking Fund will receive plans, specifications and estimates of cost **until the 20th day of June, 1889**, for the building provided for in the said act, to be erected on the block bounded by Centre and Elm and White and Franklin Streets.

The plans, estimates and specifications to be submitted are described in a paper entitled "Instructions to Architects," which can be obtained on application at the Comptroller's office.

These "Instructions" will also contain a diagram of the plot on which the building is to be erected, showing location, dimensions, etc.

The architect whose plan, estimate and specification shall be approved and accepted by the Commissioners will be appointed architect for the construction of the building, and be paid for his services in superintending the work the fees prescribed by the American Institute of Architects, provided his standing is such as to guarantee a faithful discharge of his duties.

Each set of plans, estimates and specifications submitted shall be marked with such assumed designation as the architect may select, provided there shall be filed with the Mayor a sealed envelope giving the real name of the competitor, which will not be opened until the selection shall have been made.

THEO. W. MYERS, Comptroller,
WALTON STORM, Chairman Finance Committee, Board of Aldermen. } Committee Commissioners of the Sinking Fund.

703

PROPOSALS.

PROPOSALS FOR CUT-GRANITE. Office of Building for Library of Congress, 145 E. Capitol Street, Washington, D. C., May 25, 1889. Sealed proposals for furnishing and delivering all of the cut-granite required for the front walls, including the dome of the rotunda for the Building of the Library of Congress, in this city, will be received at this office until 2 o'clock P. M. on Saturday, the 29th day of June, 1889, and opened immediately thereafter in presence of bidders. The granite must be of light bluish-gray color and fine grain. Specifications, general instructions and conditions, and blank forms of proposal may be obtained on application at this office. BERNARD R. GREEN, Superintendent and Engineer. 704

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PROPOSALS.

CISTERNS.
[At New York, N. Y.]
DEPOT QUARTERMASTER'S OFFICE, DAVID'S ISLAND, N. Y., May 25, 1889.

Sealed proposals, in triplicate, will be received at this office **until Thursday, June 27, 1889, 12 o'clock, noon,** and then opened in presence of attending bidders, for three brick cisterns, at David's Island.

All information furnished on application.

The right is reserved to reject any or all bids and to waive defects.

Mark proposals, "Proposals for Brick Cisterns," and address GEO. H. COOK,
Capt. and A. Q. M., U. S. A., Depot Quartermaster.
704

PLUMBING.
[At New York, N. Y.]
DEPOT QUARTERMASTER'S OFFICE, DAVID'S ISLAND, N. Y., May 25, 1889.

Sealed proposals, in triplicate, will be received **until Friday, June 28, 1889, 12 o'clock, noon,** and then opened in presence of attending bidders, for plumbing work in new barracks at David's Island.

All information furnished on application.

The right is reserved to reject any or all bids and to waive defects.

Mark proposals "Proposals for Plumbing," and address GEO. H. COOK,
Capt. and A. Q. M., U. S. A., Depot Quartermaster.
704

HOT-WATER HEATING.
[At New York, N. Y.]
DEPOT QUARTERMASTER'S OFFICE, DAVID'S ISLAND, N. Y., May 25, 1889.

Sealed proposals, in triplicate, will be received **until Tuesday, June 25, 1889, 12 o'clock, noon,** and opened immediately thereafter in presence of attending bidders, for constructing a system of hot-water heating apparatus for the new brick barrack at David's Island.

Specifications and blank forms furnished on application.

The right is reserved to reject any or all proposals and to waive defects.

Indorse proposals, "Proposals for Heating Apparatus," and address GEO. H. COOK,
Capt. and A. Q. M., U. S. A., Depot Quartermaster.
703

LIGHTING APPARATUS.
[At New York, N. Y.]
DEPOT QUARTERMASTER'S OFFICE, DAVID'S ISLAND, N. Y., May 25, 1889.

Sealed proposals, in triplicate, will be received **until Wednesday, June 26, 1889, 12 o'clock, noon,** and opened immediately thereafter, in presence of attending bidders, for lighting new barracks by carburetted air-gas, at David's Island, N. Y.

Specifications and blank forms furnished on application.

The right is reserved to reject any or all proposals and to waive defects.

Indorse proposals, "Proposals for Lighting Apparatus," and address GEO. H. COOK,
Capt. and A. Q. M., U. S. A., Depot Quartermaster.
704

TERRA-COTTA PIPE.
[At Washington, D. C.]
OFFICE OF THE COMMISSIONERS, D. C., WASHINGTON, D. C., May 29, 1889.

Sealed proposals will be received at this office **until 12 o'clock M., on Saturday, June 22, 1889.** 1,000 feet 8-inch terra-cotta pipe; 175 feet of 8 x 6-inch terra-cotta Y branches; 45,000 feet 12-inch terra-cotta pipe; 6,000 feet 12 x 6-inch terra-cotta Y branches; 9,000 feet 15-inch terra-cotta pipe; 1,500 feet 15 x 6-inch terra-cotta Y branches; 7,500 feet 18-inch terra-cotta pipe; 1,200 feet 18 x 6-inch terra-cotta Y branches; 1,000 feet 21-inch terra-cotta pipe; 150 feet 21 x 6-inch terra-cotta Y branches; 6,800 feet 24-inch terra-cotta pipe; 600 feet 24 x 6-inch terra-cotta Y branches; 1,000 feet 6-inch terra-cotta pipe.

Blank forms of proposals and specifications can be obtained at this office upon application therefor, together with all necessary information, and only bids upon these forms will be considered.

The right is reserved to reject any and all bids or parts of bids.

J. W. DOUGLASS,
L. G. HINE,
C. W. RAYMOND,
703 Commissioners, D. C.

PROPOSALS FOR CUT-GRANITE. Office of Building for Library of Congress, 145 East Capitol Street, Washington, D. C., June 1, 1889. Sealed proposals for furnishing and delivering cut-granite for wall-footings and for court-yard walls of cellar story of the Building for the Library of Congress, in this city, will be received at this office until 2 o'clock P. M., on Thursday, the 13th day of June, 1889, and opened immediately thereafter in presence of bidders. Specifications, general instructions and conditions, and blank forms of proposal may be obtained on application at this office. BERNARD R. GREEN, Superintendent and Engineer. 702

May 29, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 12th day of June, 1889, for furnishing and putting in place complete in the Post-Office, Court-House,

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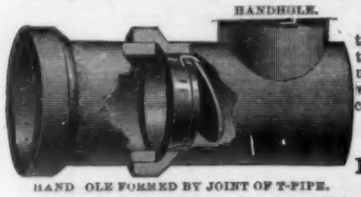

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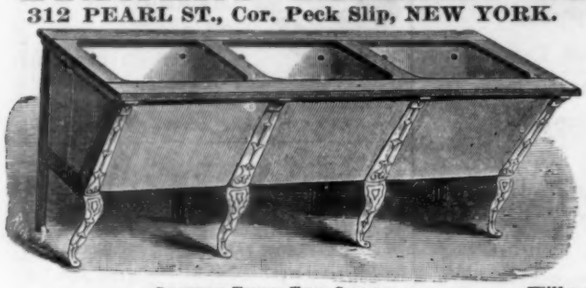

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PROPOSALS.

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May 29, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 26th day of June, 1889, for all the stone and brickwork required to complete the basement and area walls of the United States Custom-House, Post-Office, etc., building at Port Townsend, Washington Territory, including taking down present basement-wall, excavation and concrete footings, in accordance with the drawings and specification, copies of which may be had on application at this office and the office of the Superintendent. The specification and drawings may be seen at the office of the Builders' and Traders' Exchange, Denver, Col. Each bid must be accompanied by a certified check for $200. JAMES H. WINDRIM, Supervising Architect. 702

June 1, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 13th day of June, 1889, for all the labor and material required to construct and complete the wharf, storehouse, tanks, boat-house, etc., for the United States Quarantine Station at Blackbeard Island, Sapelo Sound, Georgia, in accordance with the specification and drawings, copies of which may be had on application at this office and the office of the Superintendent of the Court-House, Post-Office, etc., at Savannah, Georgia. Each bid must be accompanied by a certified check for $200. JAMES H. WINDRIM, Supervising Architect. 702

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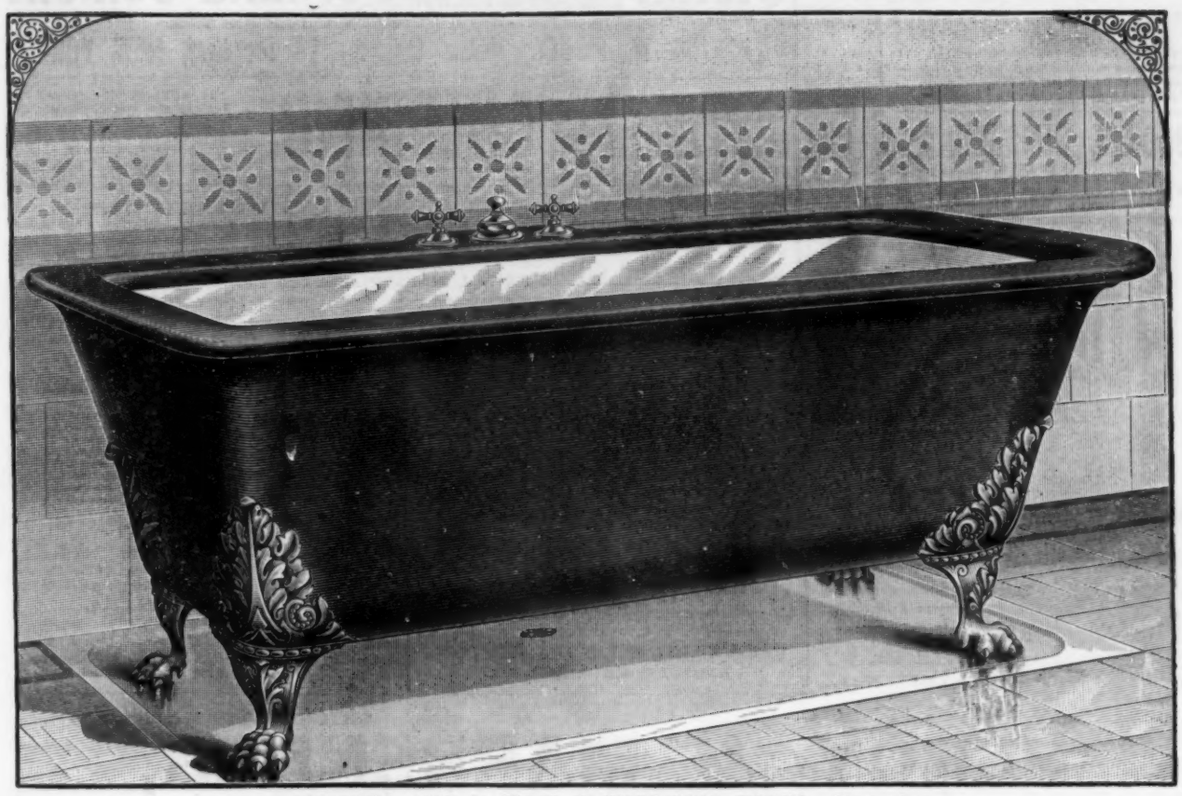

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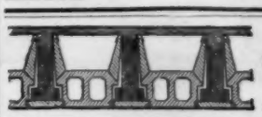

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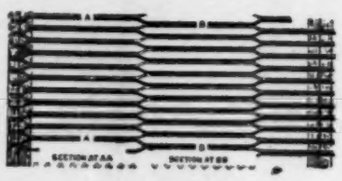

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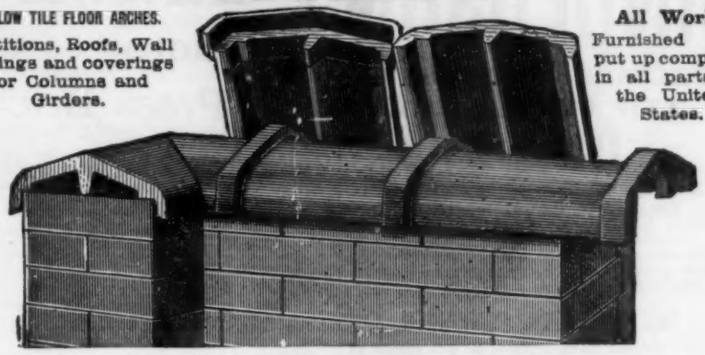

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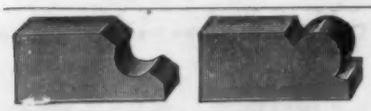

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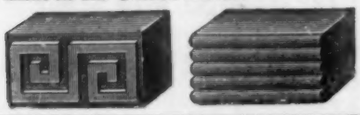

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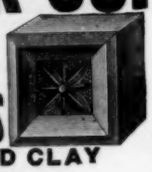

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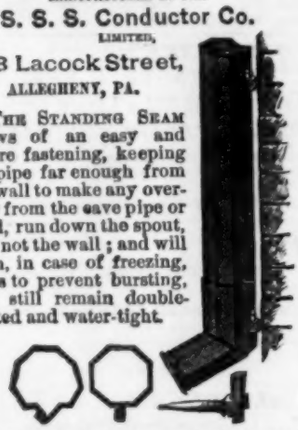

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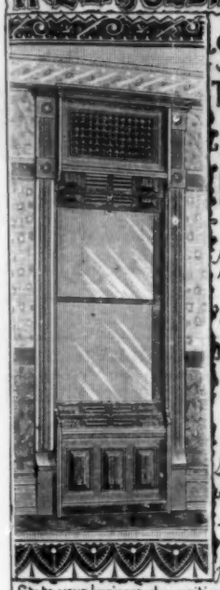

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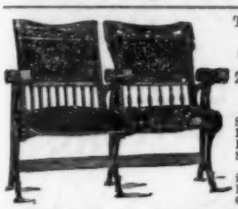

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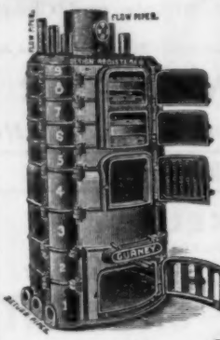

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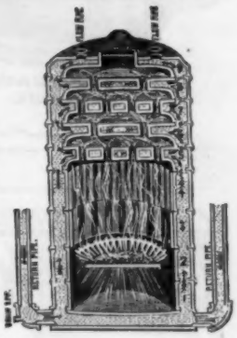

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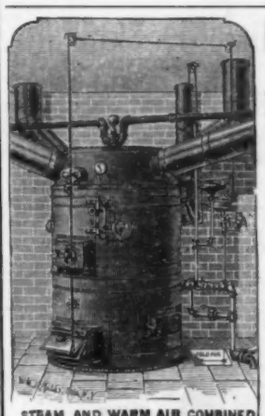

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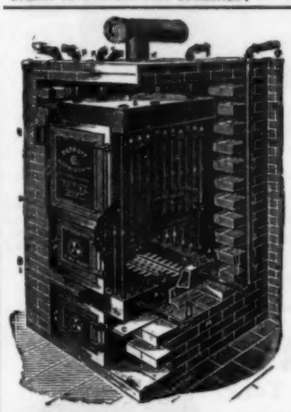

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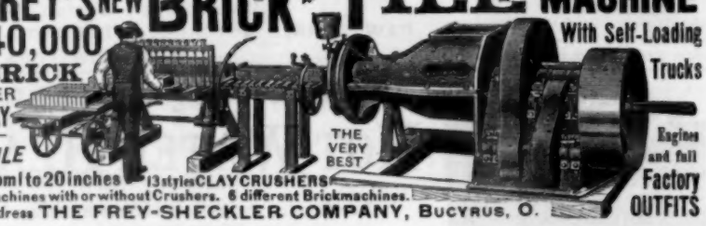

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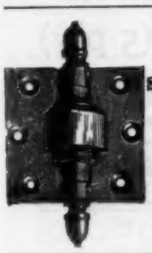

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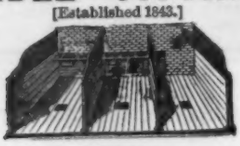

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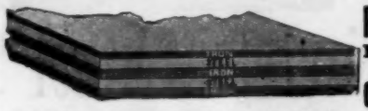

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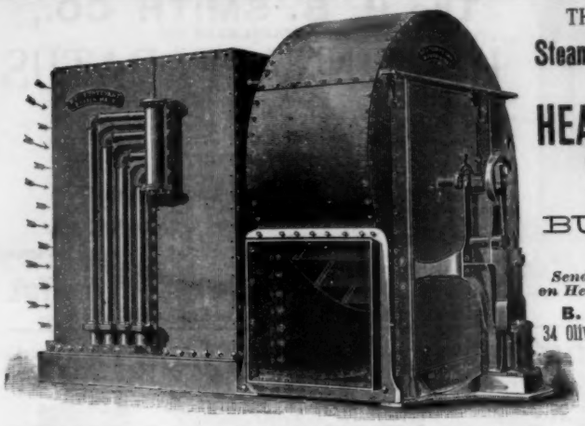

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	New York.	Boston.	Chicago.	Philadelphia.
	(*Wholesale Prices.*)	(*Prices to Builders and Contractors.*)		
Foundation:				
Dimension		5 00 ℔ ton	20 ℔	5 00
Block		4 00 ℔ perch		Conshocken
Rubble		1 25 @ 1 50	3 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed	50 @ 6 00	75	50 @ 1 00	37 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		93 @ 1 16
Kibbe	@ 90	90 @ 1 10		
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	55 @ 1 00
Berea } Ohio	75 @ 1 00	80 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 4
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 00 @ 1 1
Caen	@	@ 2 00	"	1 25 @ 1 5
Carlisle, English	@ 1 05	80 @ 90		95 @ 1 1
Corse Hill (Scotch)	1 05			
Marble (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and Blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	2 00 @ 2 80	*Not sold.*	4 00 @ 4 50
Italian, blue-veined	@	50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna	@	3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red	@	1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville	@	85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@		*Not sold.*	2 00 @ 3 00
Vermont, white	@	1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75		6 25 @ 6 85	3 25 @ 4 00
" " Chapmans	@	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 0	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am. ℔ M.	@		*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil,* ℔ *lb.*)				
White lead, Am.	7 @ 7½	7 @ 7½	6½ @ 7	@ 7
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am.,	6½ @ 7	7 @ 7½	6½ @ 7	@ 7
" Venetian	5 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. @ 60
Red Indian, Eng.	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 12
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" 20 @ 25
Black, lamp,	15 @ 25	15 @ 25	8 @ 30	@ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw) } (℔ gal.)	58 @ 60	60 @ 61	59 @ 60	@ 60
" " boiled } (℔ gal.)	61 @ 63	63 @ 64	62 @ 63	@ 63
Turpentine } (℔ gal.)	39 @ 40	41 @ 44	43 @ 46	@ 41
Varnish, coach } (℔ gal.)		1 80 @ 6 00	1 25 @ 2 00	2 00 @ 2 50
Shellac } (℔ gal.)		2 50 @ 3 00	2 25 @ 4 00	2 50 @ 3 50
Putty	2 @	2 @ 4	02 @ 02½	@ 2
Whiting } dry	75 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.,) } dry	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Litharge, Am	5½ @ 6	5½ @ 6½	6½ @ 7	@ 7
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	@ 14
Umber, "	14 @ 20	14 @ 20	2 @ 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) **Spikes,** (*wrought.*)	@ 2 85		2 05 @	pr kg @ 2 10
10d. common	@ 2 60	@ 2 10	@ 2 15	@ 2 10
Shingle	@ 3 35	@ 2 60	@ 2 65	@ 2 40
Lath	@ 4 85	@ 3 60	@ 3 55	3 00 @ 3 50
Finishing nails according to size.)			Add .85 to $1.15	per lb 11 @ 14
(*For casing nails add 75c. per keg.*)			" .50 to .90	Add pr cask
Butts: 4" x 4" (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 44
Japanned	@ 1 50	@ 1 75	*Not sold.*	@ 1 57
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 75 @ 2 00
Ball Tip, Boston Finish. ℔ pair.)	@ 65	@ 50	*Not sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (of supboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony				@ 35
Apple wood				37 @ 1 00
Knobs: (℔ *Set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hematite	*Not sold* @ 30	17 @ 32	31 @ 40	25 @ 50
Porcelain		@ 10	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 4 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 %	22 @ 35
Sheet Lead		@ 6		12 @ 13½
Lead Pipe		@ 6		6 @ 6½
Iron:				
I-Beams, up to and including 30 ft	3 3-10 @ 3½	2 8-10 3½	@ 4	@ 2 8-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance	@		@	@ 2 8-10
Channel-Beams	3 3-10 @ 3½	2 8-10 3½	@ 4	@ 2 8-10

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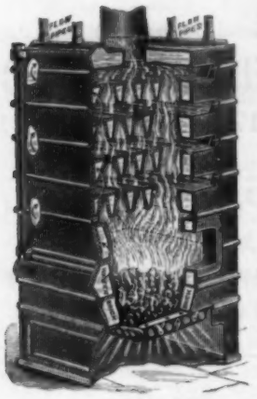

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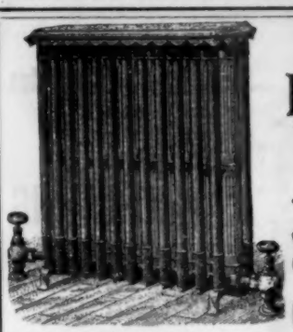

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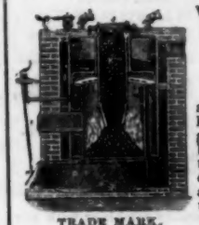

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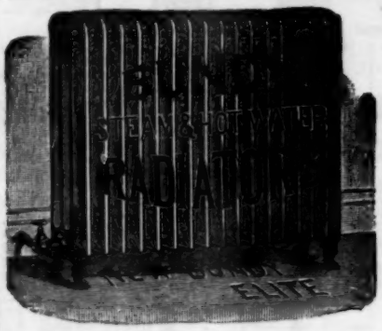

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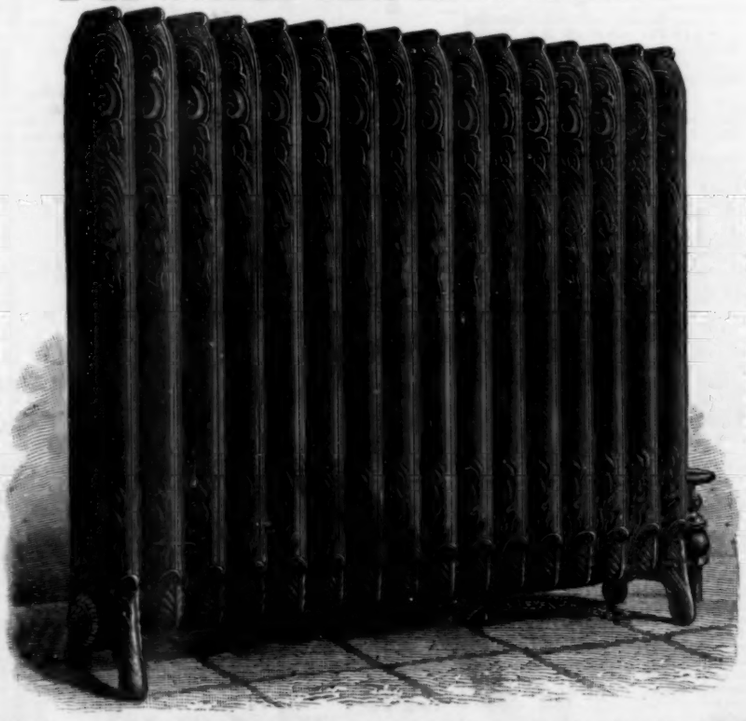

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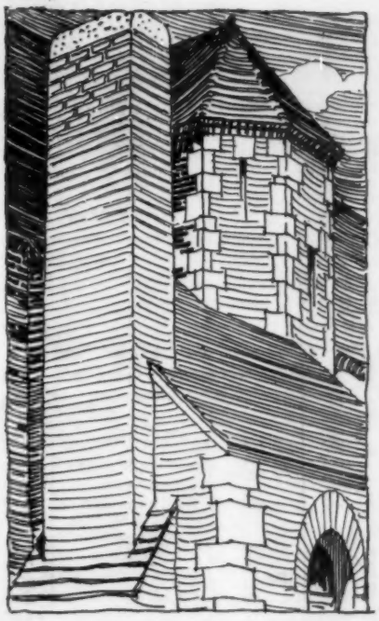

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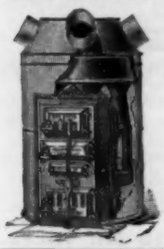

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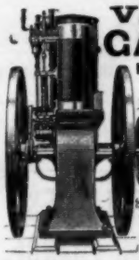

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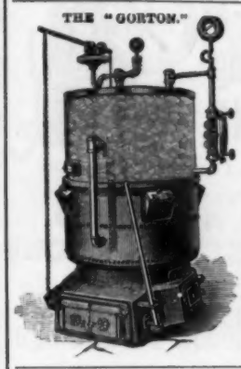

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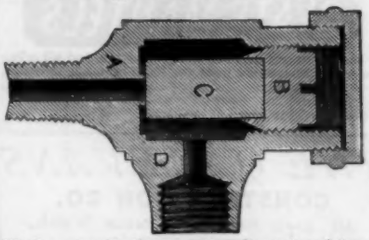

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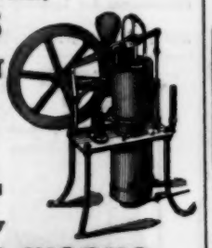

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New Advertisements.

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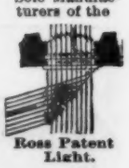

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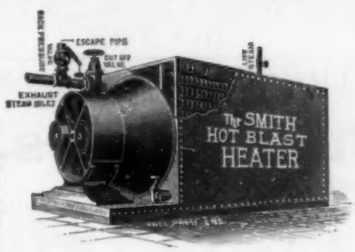

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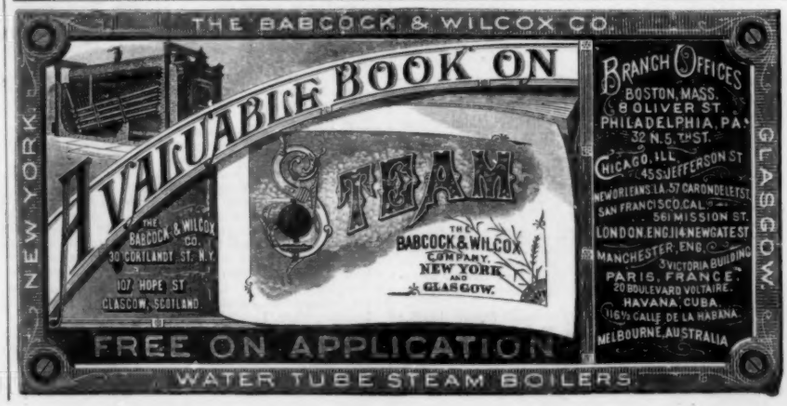

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Baltimore, Md.—The Marine Bank will add two stores to their building, n e cor. Gay and Second Sts.

Boston, Mass.—*Hudson St., No* 10, Ward 10, alterations to brick dwell.; owner, T. Murphy; builder, H. S. Hussey.

Marlborough St., No. 346, Ward 11, addition to brick dwell.; owner, Mrs. J. D. Wayward; builder, Stephen Brennan.

Salem St., Nos. 49-51, Ward 7, remodel brick dwell. and store; owner, D. Starr; builder, N. Brett.

Eliot St., Nos. 43-47, Ward 10, addition to brick mercantile building; owner, J. L. Little; builder, T. B. Blaikee.

Harvard St., No. 28, Ward 5, remodel brick dwell.; owner, M. A. Dow estate; builder, G. M. Starbird.

Newbury St., cor. Dartmouth St., additions to building for the Boston Art Club, new front and remodelling; builders, Fanning Bros.; architects, Allen & Kenway.

Unity St., No. 16, Ward 8, remodel frame dwell.; owner, P. J. Greene; builder, F. Baich.

Harrison Ave., No. 71, Ward 10, alterations to brick saloon; owner, Sarah D. Wilson; builder, T. Irving.

Chicago, Ill.—C. F. Guenther, one-st'y addition, State St.; cost, $6,000; architect, C. M. Palmer.

C. Alfred, four-st'y addition, Townsend St.; cost, $5,000; architect, Pearson.

J. Breise, two-st'y addition, State St.; cost, $3,000; architect, A. Dislen.

St. Luke's Hospital, five-st'y addition, Indiana Ave.; cost, $40,000; architects, Treat & Foltz.

J. V. Farwell, two-st'y addition, Market St.; cost, $15,000; architect, J. M. Van Osdel.

P. Smith, Jr., interior alterations, Clark St.; cost, $40,000; architect, Oscar Cobb.

Falker & Stern, two-st'y addition, West Madison St.; cost, $8,000; architect, J. Speyer.

Evangelical Lutheran Bethlehem Church, one-st'y addition, North Paulina St.; cost, $40,000; architect, F. Ahlschlager.

Wirt Dexter, alteration to brick dwell., Prairie Ave., ball-room, den, hall and vestibule, old colonial style; contract to be let; architect, Arthur Little, Boston.

Philadelphia, Pa.—*Second St.*, s e cor. South St., interior alterations of two buildings; owner, W. T. Graman, s e cor. Gray's Ferry Rd. and Kater St.

Van Pelt St., No. 1816, third story on dwell.; owner, Thos. W. Draper, 328 North Fifth St.

Chestnut St., near Twenty-second St., new front to church of Avondale sand Indiana limestone, interior alterations, etc.; cost, $50,000; owners, Old Reformed Episcopal Church; architect, Mr. Pursell.

Chestnut St., s e cor. Aspen St., front and tower to a church; builder, Louis Dietrich, 618 Noble St.

Providence, R. I.—*Whipple and Oriental Sts.*, alterations in buildings for Oriental Mills Co.; builder, Chas. L. Richards.

St. Louis, Mo.—Repair four-st'y brick store; cost, $4,500; owners, Terry and Scott; contractor, R. W. Morrison.

Alter five-st'y brick store; cost, $19,000; owners, Mermod, Jaccard Jewelry Co.; architects, Tully & Clark; contractor, R. P. McClure.

One-st'y brick addition to hotel; cost, $6,300; owner, L. C. Griswold; architects and contractors, J. W. Barnes & Co.

Three-st'y brick addition to dwell.; cost, $12,000; owner, H. H. Culver; architect, J. B. Legg; contractor, A. E. Cook.

Williamstown, Mass.—Addition of two brick wings, each, 20′ x 20′, to library; contract to be let; architects, Allen & Kenway, Boston.

APARTMENT-HOUSES.

Boston, Mass.—*Bothnia St.*, 4 four-st'y brick apartments; architect, Geo. F. Loring; builder, William Bassett.

Chicago, Ill.—J. Marx, three-st'y flats, West Twentieth St.; cost, $5,500; architect, A. Charvat.

J. Fosse, three-st'y flats, Noble St.; cost, $4,500; architect, F. L. Herman.

A. Goodjohn, two-st'y flats, Flournoy St.; cost, $2,800; architect, J. F. Warner.

Mrs. J. Carey, two-st'y flats, Park Ave.; cost, $2,500; architect, T. Foster.

L. Goebielman, four-st'y flats, Wells St.; cost, $10,000; architect, J. Ziettel.

S. Birmingham, three-st'y flats, Paulina St.; cost, $3,500; architect, J. V. Bemis.

V. Trautina, three-st'y flats, May St.; cost, $3,500, architect, A. Charvat.

W. Ruttner, two-st'y flats, North Leavitt St.; cost, $3,500; architect, W. Ohlhaber.

Kate E. P. Roberts, 7 four-st'y stores and flats, Thirty-first St.; cost, $60,000; architect, W. H. Huehl.

C. G. Nelson, four-st'y flats, North Market St.; cost, $10,000; architects, Ostling Bros.

R. Denefrio, four-st'y flats, North Sangamon St.; cost, $4,500; architect, H. Pardi.

T. Renz, four-st'y flats, Noble St.; cost, $11,000; architect, E. Stuede.

J. Jensin, owner and architect, two-st'y flats, North Oakley St.; cost, $3,000.

J. Harlice, three-st'y flats, Throop St.; cost, $4,900; architect, J. Riedel.

J. P. Olinger, 2 three-st'y flats, Thirty-fifth St.; cost, $30,000; architect, C. J. Warren.

A. Campbell, two-st'y flats, Hermitage Ave.; cost, $4,000; architect, C. C. Schouler.

J. Gostonski, two-st'y flats, Blackhawk St.; cost, $3,400; architect, F. Miller.

S. Parker, two-st'y flats, Washtenaw St.; cost, $3,000; architect, N. Lentz.

H. Reichardt, two-st'y flats, Hermitage Ave.; cost, $4,500; architects, Ruehl & Gormich.

J. Eisman, three-st'y flats, Lexington St.; cost, $4,500; architects, Ralf & Layden.

E. Hines, two-st'y flats, Vernon Ave.; cost, $4,000; architect, P. F. Werges.

F. Lunbolat, two-st'y flats, West Division St.; cost, $3,000.

A. A. Snow, two-st'y flats, Seymour St.; cost, $3,000; architect, F. Crowley.

W. Fleming, three-st'y flats, Milwaukee Ave.; cost, $6,500; architect, C. E. Lehman.

Mrs. R. Horner, two-st'y flats, Warren Ave.; cost, $8,000; architect, J. J. Konlin.

H. L. Childs, 2 three-st'y flats, West Madison St.; cost, $16,000; architect, C. A. Weary.

J. Reis, three-st'y flats, Cleveland Ave.; cost, $4,500; architect, A. F. Boos.

A. Rienhardt, two-st'y flats, Hastings St.; cost, $2,500; architect, Rienhardt.

H. Stubbs, two-st'y flats, West Congress St.; cost, $3,500; architect, J. McGrath.

J. H. Butler, three-st'y flats, Fulton St.; cost, $4,700; architect, S. Linderoth.

S. S. Weissler, three-st'y flats, Brown St.; cost, $7,500; architect, H. Olazeroki.

S. Glickman, flats, Brown St.; cost, $15,000; architect, same as last.

C. W. Knecht, two-st'y flats, California Ave.; cost, $3,500; architects, Ruehl & Co.

G. I. Titus, four-st'y flats, West Van Buren St.; cost, $7,000; architect, E. Lehman.

Leamy & Green, 2 two-st'y flats, Wilcox Ave.; cost, $7,000; architects, same as last.

S. D. Lewis, four-st'y flats, Halsted St.; cost, $7,000; architect, C. A. Weary.

H. McGurren, 2 three-st'y flats, West Lake St.; cost, $30,000; architect, S. Speyer.

New York, N. Y.—*Tenth Ave.*, s w cor. One Hundred and Third St., seven-st'y flat; owner, Robert B. Baird; architect, E. L. Angell.

One Hundred and Forty-first St., n w cor. Seventh Ave., five-st'y brick flat, tin roof; cost, $40,000; owner, Geo. E. Beaudet, 100 West Ninety-seventh St.; architect, Richard R. Davis, 247 West One Hundred and Twenty-fifth St.

Madison Ave., n e cor. One Hundred and Fifteenth St., 4 five-st'y brick flats, tin roofs; cost, $70,000; owner, John H. Parker, 1459 Lexington Ave.; architect, Edward Wenz, 1491 Third Ave.

Ninety-third St., n w Lexington Ave., five-st'y brick flats, tin roof; cost, $45,000; owner, Theodore A. Cordier, 1668 First Ave.; architect, Edward Wenz, 1491 Third Ave.

Ninety-second St., n s, 29′ e Lexington Ave., five-st'y brick flat, tin roof; cost, $16,000; owner, Geo. Mulligan, 33 East Thirty-second St.; architects, Thom & Wilson, 1269 Broadway.

Ninety-seventh St., s s, 150′ w Ninth Ave., 2 five-st'y brick flats, tin roofs; cost, $60,000; owner, Thos. J. Jenkins, 21 East One Hundred and Fourteenth St.; architect, Geo. M. Walgrove, 139 Fulton St.

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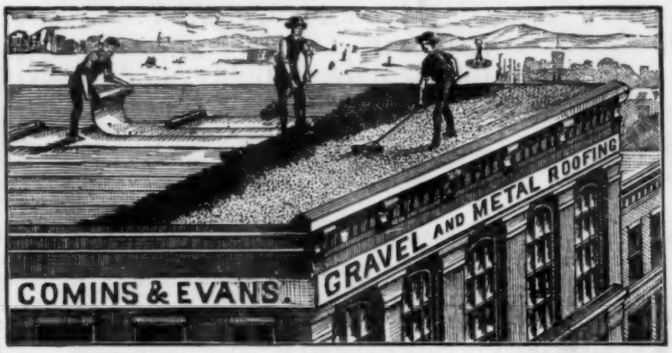

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One Hundred and Thirty-seventh St., s e cor. Willis Ave., 4 five-st'y brick flats, tin roofs; cost, $84,000; owner, Adam Gebhardt, 737 East One Hundred and Forty-sixth St.; architects, Chas. Baxter & Co., 133 East One Hundred and Thirty-fourth.

West Forty-first St., No. 318, five-st'y brick flats, tin roof; cost, $18,000; owner, William P. Devlin, 307 West Fifty-second St.; architect, James W. Cole, 403 West Fifty-first St.

One Hundred and Thirty-seventh St., s s, 80' e Willis Ave., 2 five-st'y brick flats, tin roofs; cost, $39,000; owner, Adam Gebhardt, 737 East One Hundred and Forty-sixth St.; architects, Charles Baxter & Co., 133 East One Hundred and Thirty-fourth St.

One Hundred and Fourth St., s s, 180' w Fourth Ave., five-st'y brick flat, tin roof; cost, $21,000; owner, Henry C. Tuke, 222 Elm St., Astoria, L. I.; architect, John C. Burne, 1531 Third Ave., cor. Eighty-sixth St.

Avenue C, Nos. 54-57-59, five-st'y brick flat, tin roof; cost, $30,000; owner, A. Dodin estate, 901 Prospect Ave.; architect, Guiseppe Bonanne, 608 Lexington Ave.

Ninety-ninth St., n s, 200' w Eighth Ave., five-st'y brick flat, tin roof; cost, $23,000; owner, Martin J. Barron, 364 West Fifty-third St.; architect, Geo. F. Pelham, 1431 Broadway.

Second St., No. 244, five-st'y brick flat, tin roof; cost, $23,000; owner, Morris Jacobson, 79 Suffolk St.; architect, Fred Ebeling, 3 First Ave.

One Hundred and Third St., s s, 227' 5½" Tenth Ave., 2 five-st'y brick flats, tin roofs; cost, $40,000; owner, Mathew J. Bougard, 239 Broadway; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Ninety-fifth St., n s, 86' w Tenth Ave., 3 five-st'y brick flats, tin roofs; cost, $60,000; owner, Andrew T. Doyle, 844 East One Hundred and Seventieth St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Tenth Ave., n w cor. Ninety-fifth St., 4 five-st'y brick flats, tin roofs; cost, $83,000; owner, Andrew T. Doyle, 844 East One Hundred and Seventieth St.; architects, A. B. Ogden & Son, 1031 Madison St.

Lexington Ave., s e cor. One Hundred and Twenty-fourth St., five-st'y brick, stone and terra-cotta flat; owner, Henry Mierisch; architect, Douglas Smyth.

Second Ave., n e cor. Eighty-seventh St., 3 five-st'y flats; owner, Miss Verena Rhinelander; architects, Renwick, Aspinwall & Russell.

CHURCHES.

Baltimore, Md.—Church Our Lady of Good Council, stone church, n w cor. Fort Ave. and Towson St.

Boston, Mass. — *Washington St.*, cor. Newcomb St., Ward 20, one-st'y brick chapel, pitch roof, 49' 6" x 63' 8", for Emmanuel Church; builder, W. L. Clark.

New York, N. Y.—*Twenty-eighth and Twenty-ninth Sts.*, 100' w First Ave., one-st'y brick church, peak and tin roof; cost, $25,000; owners, Corporation R. C. Church of New York, Rt. Rev. M. A. Corrigan, Archbishop; architect, T. H. Pool, 16 East Twenty-third St.

Roslindale, Mass.—Frame church, 61' x 70', for Episcopal Society (Church of our Saviour), seating capacity, 250; cost, abt. $7,500; architect, C. H. Blackall, Boston; builders, Hersey Bros.

FACTORIES.

Chicago, Ill.—C. L. Ganer, five-st'y factory, Pratt St.; cost, $15,000; architects, Ruehl & Co.

Philadelphia, Pa.—*Johnson St.*, s w cor., bet. Main and Jefferson Sts., three-st'y carriage factory; contractor, Howard Rue, 5259 Adams St., Germantown.

Thirtieth St., n e cor. Thompson St., three-st'y brick factory; builders, Harbach & Auchter, Twenty-sixth and Thompson Sts.

Mascher St., w s, n Lehigh Ave., three-st'y factory; owner, E. Hill, Lehigh Ave. and Mascher St.

HOUSES.

Baltimore, Md.—J. F. Krauss, 13 two-st'y brick buildings, s e cor. Smallwood and Mary Ann Sts.; and 6 two-st'y brick buildings, s s Mary Ann St., e Smallwood St.

J. T. Burden, 6 three-st'y brick buildings, s w cor. Division and Townsend Sts.; 5 three-st'y brick buildings, s s Townsend St.; and 6 two-st'y brick buildings, e s Boulder Alley, s Townsend St.

Louis Wolff, three-st'y brick building, s e cor. Hanover St. and Fort Ave.

Boston, Mass.—*James St.*, near Kittredge St., Ward 23, frame dwell., 21' x 38'; owner, W. Welder; builder, T. Riddell.

Glover Pl., w s River St., Ward 24, one-st'y frame dwell., 18' x 36' 6'; owners, W. Glover heirs; builder, G. Glover.

Worley St., near Dwinnell St., Ward 23, frame dwell., 24' x 28'; owner and builder, H. A. Messiah.

Hyde Park Ave., near Larch Pl., Ward 23, frame dwell., 20' x 40'; owner, Chas. Weld; builder, John Purdy.

Cedar Pk., Nos. 18-20, Ward 21, two frame dwells., 23' 2" x 38' 6"; owner, A. M. Ziegler.

Harley St., cor. Walton St., Ward 24, frame dwell., 30' 4" x 33' 8"; owner, Mrs. M. F. Hartford; builders, J. McFarland & Son.

Walnut Ave., No. 269, Ward 21, frame dwell., 31' x 36' 6"; owner, F. W. Lawrence; builder, W. J. Jobling.

Marcella St., No. 61, Ward 21, frame dwell., 20' 6" x 45'; owner, Miss M. A. Kirlan; builder, V. Bock.

Paris St., No. 137, Ward 2, three-st'y frame dwell., flat roof, 20' x 40'; owner, J. A. Kelly; builder, G. Masters.

Nixon St., near Mather St., Ward 24, frame dwell., 26' 4" x 41' 10"; owner, C. P. Tewksbury; builders, Sulis & Wallis.

Everett Pl., near Raymond St., Ward 25, frame dwell., 36' 6" x 36'; owner, P. Mulberg; builder, A. Cederburg.

Knowles St., near Walter St., Ward 23, frame dwell., 23' x 31' 6"; owner and builder, D. McDonald.

Melville Ave., near Allston St., Ward 24, frame dwell., 42' 6" x 54'; owner, C. W. Bartlett; builder, A. Phaneuf.

Chelsea St., No. 380, Ward 1, three-st'y frame dwell., 19' 8" x 44'; owner, W. Glynn; builder, E. J. Turner.

Greenwich St., near Fenton Pl., Ward 24, 2 three-

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st'y frame dwells., 19.08′ x 44′; owner, P. Finnegan; builder, M. Ryan.

Ocean St., near Welles Ave., Ward 24, frame dwell., 30′ x 36′ 6″; owner, F. W. Carter; builder, J. McDonald.

Chapman Ave., near Birch St., Ward 24, frame dwell., 23′ x 34′; owner, Mary J. Knox; builder, R. Dixon.

Winship St., near Washington St., Ward 25, three-st'y frame dwell., flat roof, 25′ x 52′; owner, Neil McBride.

Chicago, Ill.—J. M. Banks, 2 three-st'y dwells., Leavitt St.; cost, $10,000; architect, W. L. Carroll.

J. H. Alberg, one-st'y dwell., Paulina St.; cost, $2,500; architect, P. Grumbach.

H. B. Eaver, two-st'y dwell., Warren Ave.; cost, $4,500; architect, W. D. Cowles.

C. A. Daird, 2 three-st'y dwells., Belden Ave.; cost, $12,000; architect, J. S. Wollacott.

J. Deringer, two-st'y dwell., Winchester Ave.; cost, $5,000; architects, Kralorie & Bro.

Cincinnati, O.—Chas. Parer, two-and-one-half-st'y frame dwell., Chase St.; cost, $5,000; architect, B. Barr.

Jacob Elsas, 2 double two-st'y dwells., Loth St.; cost, $4,000; architects, S. Hannaford & Sons.

Murray Shipley, 4 three-and-one-half-st'y brick dwells., Wesley Ave.; cost, $17,000; architect, G. W. Drach.

BUILDING INTELLIGENCE.

Detroit, Mich.—N. Boyce, brick dwell., 21 Winder St.; cost, $3,200.

Geo. J. Miller, frame dwell., 715-719 Fourteenth St.; cost, $3,000.

Sylvester Farmer, brick double dwell., 330-332 Third St.; cost, $4,500.

H. Stearns, frame dwell., 86 East Piquette Ave.; cost, $3,000.

J. L. Gearing, brick dwell., 1007 Woodward Ave.; cost, $20,000; double brick dwell., 449-451 Second Ave.; cost, $13,000.

Jas. Young, frame dwell., 108 West Milwaukee Ave.; cost, $3,000.

Kearney, Neb.—Dwell.; cost, $6,000; owner, L. N. Mowry; architects, Foster & Schuehle; builder, Albert Hempstead.

Frame dwell.; cost, $6,500; owner, N. A. Baker; architects, Foster & Schuehle; builder, Albert Hempstead.

Frame dwell.; cost, $5,500; owner, C. E. Hanson; architects, Foster & Schuehle; contract not yet let.

Little Rock, Ark.—W. Ferguson, frame dwell.; cost, $4,000; architect, F. J. Rickon.

Mr. Howell, frame dwell.; cost, $7,000; architect, T. Harding.

Newton, Mass.—Frame dwell., 60′ x 80′; cost, abt. $4,000; owner, Henry E. Cobb; architects, Allen & Kenway, Boston; builder, Henry F. Ross.

BUILDING INTELLIGENCE.

Frame dwell., 32′ x 60′; cost, abt. $8,000; owner, Mrs. Lord; architects, Allen & Kenway, Boston; builder, W. H. Stewart.

Minneapolis, Minn.—Carl Peterson, dwells., 2301-2303-2305-2307, Twenty-sixth Ave., s; cost, $6,000.

J. G. Cottrell, dwells., 1716-1718 Tyler St., n e; cost, $6,000.

Lofgrus Bros., dwell., 2725 Twenty-second St., s; cost, $3,000.

Fink & Co., dwells., 2525-2527 Ninth Ave., s; cost, $5,500.

Wm. Caffrey, dwell., 206 Thirty-fourth St., w; cost, $3,000.

D. C. Warden, frame dwells., 1412-1414 Fifth Ave., s; cost, $3,000.

L. F. Motley, frame dwell., 2011 Stevens Ave.; cost, $10,000.

J. A. Blechfeldt, frame dwell., Colfax Ave., bet. Twenty-eighth and Twenty-ninth Aves., n; cost, $3,000.

J. A. Blechfeldt, frame dwell., Twenty-sixth Ave., near Dagan St.; cost, $3,000.

Emily Campbell, frame dwell., Garfield Ave., bet. Lake and Thirty-first Sts.; cost, $3,000.

D. Mahony, two frame dwells., Pleasant Ave., bet. Thirty-third and Thirty-fourth Sts.; cost, $7,500.

C. Johnson, frame dwell., Ninth Ave., bet. Thirty-third and Thirty-fourth Sts.; cost, $3,500.

O. H. Hegel, frame dwells., 1310-1312 Seventh St.; cost, $3,500.

J. Blomguist, frame dwell., 2717 Pennsylvania Ave.; cost, $4,000.

B. K. Coppage, frame dwell., 1840 Sheridan Ave.; cost, $4,000.

A. P. Merrink, frame dwell., 1830 Sheridan Ave.; cost, $4,000.

A. L. Sprague, frame dwell., 724 Twenty-third Ave., n e; cost, $3,500.

Ole Chrishanson, frame dwell., 2210 Riverside Ave.; cost, $3,000.

J. H. Edmonds, frame dwell., 1317 Greenland Ave.; cost, $6,000.

Wm. W. Bray, two frame dwells., 27 Pleasant Ave.; cost, $7,000.

O. E. Naegele, frame dwell., 1131 Lyndale Ave.; cost, $3,000.

H. S. Shute, frame dwell., Linden Ave., bet. Sixteenth and Seventeenth Sts.; cost, $4,500.

H. Johnson, frame dwell., Twenty-fourth St., bet. Thirty-first and Thirty-second Aves., s; cost, $3,000.

Angus McLeod, brick dwell., 1307-1309 Fifth Ave., s; cost, $6,000.

J. S. Palmer, frame dwell., 2231 Clinton Ave.; cost, $3,500.

M. C. Brenner, two frame dwells., 3401-3405 Lyndale Ave., s; cost, $7,000.

J. Brandt, frame dwell., 3133 First Ave., s; cost, $4,500.

A. L. Plummer, two frame dwells., 3243-3245, Tenth Ave., s; cost, $3,500.

C. W. Christian, frame dwell., 724 Sixteenth St., e; cost, $5,000.

New York, N. Y.—*Walton Ave.*, w s, 100′ n One Hundred and Forty-ninth St., 3 three-st'y brick dwells., tin roofs; cost, $30,000; owners, Anna T. Dale and Louisa Davis, 141 Walton Ave. and 530 Van Buren Ave., Brooklyn, N. Y.; architect, Albert E. Davis, 2533 Third Ave.

One Hundred and Thirty-fourth St., n s, 275′ e Willis Ave., 3 four-st'y brick dwells., tin roofs; cost, $33,000; owner, Carrie E. Meres, 745 East One

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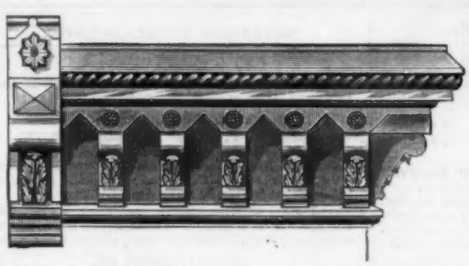

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Hundred and Thirty-fourth St.; architect, Andrew Spence, 2294 Third Ave.

Ninety-second St., s s, 100' e Tenth Ave., 3 three-st'y brick dwells., tin roofs; cost, $30,000; owner, James Brown, 132 Manhattan Ave.; architects, Higgs & Rooke, 835 Broadway.

One Hundred and Twenty-second St., s s, 90' w Manhattan Ave, 10 three-st'y brick dwells., tin roofs; cost, $110,000; owner, A. Alonzo Teets, 505 Manhattan St.; architects, Webster & Hammond, 110 East One Hundred and Twenty-fifth St.

Seventy-fifth St., s s, 200' w Ninth Ave., 5 five-st'y brick dwells., tin roofs; cost, $100,000; owners, Geo. C. Edgars Sons, 185 West Eighty-second St.; architect, G. A. Schlesinger, 128 Broadway.

Philadelphia, Pa.—*Orchard St., Nos.* 856-858, 2 two-st'y brick dwells.; builder, Wm. Bunch, Jr., 422 North Forty-first St.

Sixth St., w s, ab. Somerset St., two-st'y brick dwell.; builder, J. H. Jordan, Twenty-third and Jefferson Sts.

State St., e s, s Baring St., 3 two-st'y brick dwells.; owner, Frank H. Vogdes, 3907 Aspen St.

Cherry St., w Twenty-first St., three-st'y back building; contractor, Christian C. Fay, 2032 Fairmount Ave.

Thirty-ninth St., e s, bet. Brown and Reno Sts., 10 two-st'y brick dwells.; builders, Nicholson & Michaelson, n w cor. Fortieth and Green Sts.

Reno St., n s, bet. Thirty-eighth and Thirty-ninth Sts., 7 two-st'y brick dwells.; builders, Nicholson & Michaelson, n w cor. Fortieth and Green Sts.

Brooklyn St., e s, bet. Parrish and Ogden Sts., 10 two-st'y brick dwells.; builders, Nicholson & Michaelson, n w cor. Fortieth and Green Sts.

Parrish St., s s, bet. Thirty-eighth and Thirty-ninth Sts., 7 two-st'y brick dwells.; builders, Nicholson & Michaelson, n w cor. Fortieth and Green Sts.

Bainbridge St., No. 1512, two-st'y brick back building; owner, J. D. Marshall, 746 South Eighteenth St.

Market St., Nos. 4505-4507-4509, 3 two-st'y brick dwells.; owner, J. A. Sloan, 2 North Forty-first St.

Carpenter St., s s, e Third St., 2 three-st'y brick dwells.; owners, Fitzgerald & Bradley, 33 South Tenth St.

Morris St., Nos. 1916-1918, two brick dwells.; owners, Samuel McClellan & Son, 223 Vaughn St.

Prescott St., n s, e Fiftieth St., 2 two-st'y brick dwells.; contractors, Chas. Smith & Son, 4215 Haverford St.

Ninth St., e s, s Jackson St., 13 two-st'y brick dwells.; builder, Henry R. Coulomb, 731 South Tenth St.

Jackson St., s s, bet. Eighth and Ninth Sts., 14 two-st'y brick dwells.; builder, Henry R. Coulomb, 731 South Tenth St.

Christian St., No. 1605, three-st'y back building; contractor, William Shelley, 1423 Morris St.

Norris St., s w cor. Gratz St., two st'y brick dwell. and store; builder, John M. Sharp, 1936 South College Ave.

Norris St., w Gratz St., brick dwell.; builder, John M. Sharp, 1936 South College Ave.

South Broad St., No. 1607, three-st'y brick dwell.; contractor, Jacob R. Jordan, 1626 South Broad St.

East Lehigh Ave., No. 2607, two-st'y brick dwell.; contractor, Christian Fay, 1305 North Fifteenth St.

Susquehanna Ave., n s, w Broad St., three-st'y brick dwell.; builders, J. S. Cornell & Son, 1917-1919 Woodstock St.

Melvale St., s Clearfield St., 2 two-st'y brick dwells.; owner, W. S. P. Shields, 3918 Baltimore Ave.

Montgomery Ave., s w, e Tulip St., three-st'y brick dwell.; owner, S. B. Maedwell, 2144 North Twentieth St.

Germantown Ave., e s, ab. Mount Airy Ave., three-st'y stone dwell.; contractor, John Owens, 124 East Upsal St., Germantown.

North School St., e Morris St., Ward 22, 4 three-st'y brick dwells.; owner, D. P. Bruner, 4834 Morris St.

Twenty-third St., e s, n Arch St., iron frame building, corrugated iron and tin roof; builders, Liverieg & Garrigues, 218 South Fourth St.

Forty-five-and-one-half St., w s, bet. Woodland and Kingston Aves., 3 two-st'y brick dwells.; owner, W. S. P. Shields, 3908 Baltimore Ave.

Olney St., w s, ab. Chew St., two-st'y dwell.; owner, John C. Baker, 541 Bower St., Kensington.

Thirty-eighth St., e s, ab. Chester Ave., 2 three-st'y brick dwells.; builders, J. E. & A. L. Pennock, 305 Walnut St.

Forty-sixth St., w s, n s Chester Ave., 2 three-st'y brick dwells.; builders, J. E. & A. L. Pennock, 305 Walnut St.

Point Breeze Ave., w s, s Reed St., 10 two-st'y brick dwells.; builders, Mowbray Bros., 1541 South Fifteenth St.

Almon St., e s, bel. Buckius St., 2 two-st'y frame dwells.; builders, Breninger & Ploucher, 4545 Salmon St., Bridesburg.

Ogden St., s s, bet. Forty-fifth and Forty-sixth Sts., 7 two-st'y brick dwells.; builder, John Bateson, Jr., 4505 Lancaster Ave.

Main St., s s, bet. Leverington and Highland Aves., two-st'y brick dwell., mansard roof; builder, Martin Hetzel, 45 Church St., Germantown.

Diamond St., n s, e Nineteenth St., 6 three-st'y middle dwells.; builder, John M. Sharp, 1936 South College Ave.

Twenty-first St., s e cor. Sixty-sixth Ave., 7 two-st'y brick dwells.; owner, Wm. Darkins, 74 Wister St., Germantown.

Bancroft Ave., e and w s, n Susquehanna Ave., 42 two-st'y dwells.; owner, Hugh McNeill, Ninth St. and Moyamensing Ave.

Salmon St., e s, ab. Neff St., 4 two-st'y brick dwells.; owner, Chas. Judge, 3014 Richmond St.

McCallum St., w s, s Green St., two stone dwells.; owner, George Hearst, West School La.

Sinethurst St., s s, w Wyoming St., 3 two-st'y brick dwells.; owner, Wm. H. Reeves, 3080 Wyoming St.

Birch St., n s, bet. Salmon and Edgemont Sts., two-st'y brick dwell.; contractor, Jacob Ziegler, 2728 Ann St.

Penn St., cor. Morris and Patton Sts., 18 two-st'y dwells. and 2 three-st'y stores and dwells.; owner, J. McNabb, 210 Mill St.

Fifty-sixth and Market Sts., 6 two-st'y brick dwells. and 2 two-st'y stores; owner, D. E. Mishol, 40-42 North Broad St.

Fifth St., s w cor. Westmoreland, 5 three-st'y brick dwells., one with store; owner, Ludwig Lambrecht, 2632 Laurence St.

Aubrey St., e s, bet. York and Cumberland Sts., 24 two-st'y brick dwells; owner, Thos. Batley, 909 Lehigh Ave.

Wakefield St., e s, n Jefferson St., three-st'y dwell. and front alteration; owner, Thomas J. Carman, 133 Rittenhouse St., Germantown.

Twentieth St., s e cor. Locust St., 2 four-st'y dwells.; owners, Page Bros., 132 South Fourth St.

Locust St., s s, e Twentieth St., four-st'y double dwell.; owners, Page Bros., 132 South Fourth St.

Thirty-fifth St., e s, n Mermaid Ave., three-st'y stone dwell.; owner, Geo. Hearst, West School La.

Twenty-ninth St. and Union Ave., two stone dwells.; owner, Wm. C. Mackie, Chestnut Hill.

Carlisle St., e s, s Cumberland St., 14 two-st'y brick dwells.; owner, C. C. Moore, 2001 North Broad St.

Morris St., bet. School La. and Cheltenham Ave., 2 three-st'y brick dwells.; owners, William Wright & Son, 7 Harvey St., Germantown.

Twenty-seventh St., e s, s Oakford St., 2 two-st'y brick dwells.; owner, Jno. McDuffie.

Twenty-seventh St., e s Satona St. to Titan St., 7 two-st'y brick dwells.; owner, Jno. McDuffie.

Pine St., s s, e Twentieth St., 6 four-st'y brick dwells.; builder, Jno. S. Kates, 1646 Arch St.

Maiden La., w s, e Wharton St., two-st'y brick dwell.; owner, C. B. Prettyman, 1252 North Twentieth St.

Washington La., s s, bet. Adams and Green Sts., 2 three-st'y brick dwells.; builders, Thos. Wright & Son, 7 Harvey St., Germantown, Pa.

Kensington Ave., n e cor. P St., 2 two-and-one-half-st'y brick dwells. with frame backs; builders, Osborn Bros., 4304½ Main St., Frankford, Pa.

Cherry St., No. 2132, two-st'y back building; contractor, Christopher C. Fay, 2032 Fairmount Ave.

North Twentieth St., No. 1940, three-st'y brick dwell.; contractor, S. B. McDowell, 2144 North Twentieth St.

Henrietta St., No. 2024, two-st'y brick dwell.; builder, Jno. T. Sanders, 2140 North Eleventh St.

Westminster Ave., ab. Fifty-fourth St., two-st'y brick dwell.; owner, John E. Sickels, 541 Haverford Ave.

North Gray's Ave., w Seventy-second St., frame dwell.; owner, E. M. Fretscher, Seventy-third St. and Gray's Ave.

Gowan Ave., w s, n Pennsylvania Railroad depot, Ward 22, two-and-one-half-st'y brick dwell.; contractor, George Goodfellow, 316 Griscom St.

Chelten Ave., n e s, e Chew St., brick dwell.; contractor, Walter Bowditch, 215 High St.

Howson and Belgrade Sts., e and w s, s Lehigh Ave., 10 two-st'y brick dwells.; owner, Michael O'Rourke, 2838 Frankford Ave.

Tenth St., s w cor. Dakota St., two-st'y brick building; owner, Andrew M. Conneen, 1256 North Tenth St.

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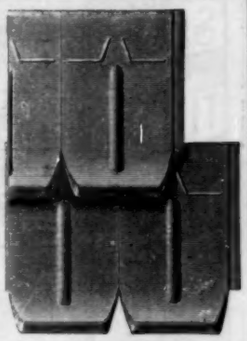

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Window Caps and SKYLIGHTS.

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Roof Trusses, Girders, and Joists for fire-proof buildings framed and fitted as per plans.

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Artistic & Architectural Bronze Work.

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Fine Art Foundry,

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Artists' Models cast in Standard Bronze.

Architects' Designs Executed.

Artistic and Enduring Monuments in Granite and Bronze.

No Catalogues.

MAURICE J. POWER.

FOLDING GATES

— AND —

Window Guards,

In Steel, Iron, Brass and Bronze.

WM. R. PITT,

83 Reade St., N. Y.

BUILDING INTELLIGENCE.

Emlen St., s s, bet. Philip and Sepviva Sts., 4 two-st'y brick dwells.; owner, William Bartholomew, 140 West Norris St.

John St., s s, n Tioga St., two-st'y brick dwell.; owner, Jos. Heaton, 3056 Marshall St.

Sloan St., e and w s, n Poplar St., 28 two-st'y brick dwells.; owners, Meritt & Thornton, Fortieth and Poplar Sts.

Providence, R. I.—*Pontiac St.*, near Reservoir Ave., frame dwell.; owner, Andrew Chambers.

Joslin St., near Atwells Ave. and Pekin St., cor. Balaklava St., 2 two-st'y frame dwells.; cost, each, $2,800; owner, John Rooney; builders, Kelleher Bros.

Pekin St., two-st'y frame dwell.; cost, $2,800; owner, Jas. F. Nolan; builders, Kelleher Bros.

Roanoke St., near Academy Ave., frame dwell.; owners, A. G. Whidden and wife.

Orms St., opp. Winsor St., two-st'y frame dwell.; cost, $5,000; owner, John A. McGregor; builder, Jas. McGregor.

Maroney St., near Greenwich St., two-st'y frame dwell.; owner, Wm. V. Daboll; day work.

Hope and Barnes Sts., two-st'y frame dwell.; owner, Josephine Rathbone; architects, Stone, Carpenter & Willson; builders, Wm. Gilbane & Bro.

Springfield, Mass.—*Clarendon St.*, stone and frame dwell., 50' x 67'; cost, abt. $12,000; owner, Mrs. E. S. Woods; architects, Allen & Kenway, Boston.

Somerville, Mass.—*Evergreen Ave.*, frame dwell., two apartments, 26' x 51'; owner, Lorenzo A. Field; architect, Geo. F. Loring, Boston; builder, T. F. Farrington.

St. Louis, Mo.—Two-st'y brick dwell.; cost, $2,700; owner, Wm. Stevenson; contractor, Thos. M. Dunn.

Three-st'y brick dwell.; cost, $7,000; owner, L. Ottman; contractor, C. Wehking.

Two-st'y brick dwell.; cost, $16,000; owner, Mrs. H. L. Newman; contractors, Goesse & Remmers.

Two-st'y brick dwell.; cost, $8,000; owner, H. Cornet; contractors, Goesse & Remmers.

Two-st'y brick dwell.; cost, $2,600; owner, O. Finnegan; contractor, W. H. Balmer.

Two-st'y brick dwell.; cost, $6,000; owner, Jos. Sedlacek; contractors, F. Volpel & Son.

Two-st'y brick dwell.; cost, $3,100; owner, J. C. Hartnett; contractors, Paulus & Weidmueller.

Two-st'y brick dwell.; cost, $3,650; owner, Jno. Erhardt; contractor, J. Wilkinson.

Two-st'y brick dwell.; cost, $6,000; owner, E. G. Tutt; contractors, J. B. Lindsly & Son.

Two-st'y brick dwell.; cost, $8,200; owner, S. G. Cohen; architect, C. C. Helmers; contractors, Gerhard & Son.

Two-st'y brick dwell.; cost, $5,800; owners, St. Louis Mutual House-Building Co., No. 3; architect, E. Mortimer; contractor, C. G. Ewing.

Two-st'y and mansard brick dwell.; cost, $6,000; owner, M. J. Sheahan; architect, G. Reid; contractor, M. B. Scanlon.

Two-st'y brick dwell.; cost, $6,000; owner, A. R. Wilson; architect, A. Monschein; contractor, W. Daman.

Two-st'y brick dwell.; cost, $4,000; owner, E. McHugh; architect and contractor, T. F. Marley.

Two-st'y brick dwell.; cost, $2,500; owner, Jacob Fey; architect and contractor, T. F. Marley.

Two two-st'y brick dwells. and stores; cost, $7,500; owner, A. Bock; architects, Kirchner & Kirchner; contractor, F. Warneg.

Two-st'y brick dwell.; cost, $6,000; owner, Frank Erskine; contractor, J. J. Mountain.

Two-st'y brick dwell.; cost, $3,500; owner, Chas. Grupe; contractor, Jos. Volk.

Two-st'y brick dwell.; cost, $6,500; owner, R. Sonneschien; contractors, J. M. Barnes & Co.

Two two-st'y brick dwells.; cost, each, $2,800; owner and contractor, Geo. Smith.

Two two-st'y brick dwells.; cost, each, $3,900; owner, J. Vorbeck; contractor, H. A. Christophel.

Two adjacent two-st'y and mansard brick dwells.; cost, $21,000; owner, B. F. Stevens; architects, Peabody, Stearns & Furber; contractor, C. E. Clark.

Two-st'y brick dwell.; cost, $10,000; owner, C. Kunkel; architect, E. C. Jannsen; contractors, Thomson & Merts.

BUILDING INTELLIGENCE.

OFFICE-BUILDINGS.

Detroit, Mich.—Mason & Rice, six-st'y brick block of offices, 11-19 Wilcox St.; cost, $72,000.

PUBLIC BUILDINGS.

New York, N. Y.—*West Thirty-sixth St., No.* 432, three-st'y brick Hook & Ladder Co. building, tin roof; cost, $17,500; owner, Fire Department, city of New York, 189 East Sixty-seventh St.; architects, N. Le Brun & Son, 24 Park Pl.

Providence, R. I.—*Chaffee and Capron Sts.*, police station for the city of Providence; cost, $28,000; architect, Fred. Field; builders, Hiram Read & Son.

SCHOOL-HOUSES.

Detroit, Mich.—Board of Education, brick schoolhouse, 229 East Forest Ave.; cost, $34,000.

New York, N. Y.—*Sixth St.*, school-house for the Children's Aid Society; architects, Vaux & Radford

Providence, R. I.—*Plain and Point Sts.*, frame school-house; cost, $50,000; owner, Rev. William Stang; builder, J. W. Dornsife.

STABLES.

Boston, Mass.—*Harvest St., No.* 27, *rear*, Ward 15, two-st'y frame stable, pitch roof, 30' x 50'; owner, H. Gars; builder, W. Eddie.

Daly La., rear K. St., No. 219, Ward 14, two-st'y frame stable, flat roof, 40' x 50'; owner, P. Tirnan; builder, M. Ryan.

Philadelphia, Pa.—*Pearl St.*, n s, ab. Twelfth St., two-st'y brick stable; owner, Wm. J. Fogg, 1604 Vine St.

St. Louis, Mo.—Two-st'y brick stable; cost, $4,000; owner, J. T. Drummond; contractor, B. Weber.

STORES.

Boston, Mass.—*Tremont St., Nos.* 1200-1204, Ward 19, one-st'y frame store, flat roof, 47' 4" x 50'; owner, D. S. Curtis; builder, R. Gibson.

Braintree St., cor. Wilton St., Ward 25, three-st'y frame offices and stores, pitch roof, 48' x 73'; owner, S. Hano; builder, R. H. Collophy.

Detroit, Mich.—Thos. Scheich, brick store, 1101 Russell St.; cost, $3,500.

Chicago, Ill.—J. L. Campbell, 6 three-st'y stores and flats, Campbell Ave.; cost, $40,000; architect, C. A. Weary.

W. J. Anderson, 6 four-st'y stores and flats, West Randolph St.; cost, $65,000; architect, C. M. Palmer.

Philadelphia, Pa.—*Twenty-fifth St.*, s e cor. Green St., one-st'y brick store; owner, Wm. H. Totten, 2015 Diamond St.

Front St., s York St., three-st'y store; owners, John M. Buchanan & Bro., 1618 Vienna St.

St. Louis, Mo.—Two-st'y brick store and flats; cost, $5,300; owner, G. B. Mangles; architect, J. B. Legg; contractors, T. H. Busey & Co.

Two-st'y brick store and flats; cost, $6,000; owner, T. Payburn; architect, A. Monschein; contractor, W. Daman.

TENEMENT-HOUSES.

Cincinnati, O.—John K. Boretta, two-st'y brick tenement, St. Clair St.; cost, $3,475; architects, Reig & Marty.

New York, N. Y.—*Ninth Ave., No.* 993, four-st'y brick tenement, tin roof; cost, $12,500; owner, August Mehler, 930 Ninth Ave.; architects, Thom & Wilson, 1267 Broadway.

One Hundred and Fifteenth St., s s, 80' e Eighth Ave., five-st'y brick tenement, tin roof; cost, $13,000; owner, Hiram Moore, 56 East One Hundred and Tenth St.; architect, Andrew Spence, 2294 Third Ave.

St. Louis, Mo.—Two-st'y and mansard brick tenement; cost, $4,500; owner, Geo. Menke; contractor, P. Sauerwein.

Two-st'y and mansard brick tenement; cost, $4,650; owner, A. Engel; contractors, Schildman & Becker.

WAREHOUSES.

Chicago, Ill.—K. Bronson, seven-st'y warehouse; cost, $60,000; architect, W. H. Drake.

BUILDING INTELLIGENCE.

Cincinnati, O.—Lukenheimer Manufacturing Co., warehouse, East Eighth St.; cost, $4,000; architect, W. W. Franklin.

New York, N. Y.—*Vestry St., No.* 7, six-st'y iron, brick and stone storage warehouse; cost, $30,000; owner, A. D. Juillard; architect, Richard Berger.

St. Louis, Mo.—Four-st'y brick warehouse; cost, $12,940; owner, W. H. Thompson; architect, Alb Knell.; contractor, R. W. Morrison.

MISCELLANEOUS.

Boston, Mass.—*Boston & Albany Freight-yard*, rear Huntington Ave., Ward 11, one-st'y iron storage, flat roof, 40' x 600'; owners, B. & A. R. R.; builder, I. G. Wheeler.

Philadelphia, Pa.—*Hope St.*, w s, n Clearfield St., one-st'y dye-house and two-st'y and basement dry-house; Brocklehurst & Ewin, 514 West Morris St.

Arch St., bet. Sixteenth and Seventeenth Sts., five-st'y brick and stone club-building; builders, Wm. C. McPherson & Sons, 327 Cherry St.

Market St., n s, ab. Sixteenth St., two-st'y brick freight station; builder, Wm. L. Zeigler, for Pennsylvania Railroad, Broad St. station.

Shackamaxon Sq., one-st'y free bath-house; builder, James Bradley, 40 North Thirty-eighth St.

Rutan and Thomas Sts., stone and brick patrol-house; contractors, R. C. Ballinger & Co., Keystone Bank Building.

Williamstown, Mass.—Mark Hopkins Memorial Building, 64' x 88', stone and Perth Amboy brick, for Williams College; contract to be let; architects, Allen & Kenway, Boston.

COMPETITION.

MUNICIPAL BUILDINGS.

[At New York, N. Y.]

New York, N. Y., April 22, 1889.

Notice to Architects.

In accordance with the provisions of Chapter 371 of the Laws of 1887, entitled "An act to provide for the erection of a building for criminal courts and other purposes in the city of New York," the Commissioners of the Sinking Fund will receive plans, specifications and estimates of cost **until the 20th day of June, 1889,** for the building provided for in the said act, to be erected on the block bounded by Centre and Elm and White and Franklin Streets.

The plans, estimates and specifications to be submitted are described in a paper entitled "Instructions to Architects," which can be obtained on application at the Comptroller's office.

These "Instructions" will also contain a diagram

Iron Work.

JACKSON ARCHITECTURAL IRON WORKS,
ESTABLISHED 1840.

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Fronts for Buildings, Cornices, Lintels and Sills, Doors and Shutters, Girders and Beams, Fire-Escape Balconies and Ladders, Columns and Roofs, Sky and Floor Lights, Stable Fittings and Fixtures, Sidewalk Lights. Artistic work in Wrought and Cast Iron, Brass and Bronze. Designs and Estimates of Cost Furnished for Work in any Department.

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Carnegie, Phipps & Co., Limited,
Pittsburgh, Pa.

Proprietors of

Homestead Steel Works, Upper and Lower Union Mills,
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Manufacturers of

Iron and Steel I Beams, Channels, Angles, Tees and odd sections,
Open Hearth Steel Plates, Bessemer and Open Hearth Blooms,
Slabs and Billets, Steel T and Street Rails.
Iron and Steel Axles, Links and Pins, Wrought Iron Draw Bars,
Universal Mill Plates, Merchant Bar Iron and Steel, Steel
Wire Rods, Steel and Copper Wire and Wire
Nails, Cold Die Rolled Steel.

All kinds of

Car, Locomotive and Machinery Forgings.

BRANCH OFFICES:

BOSTON: Mason Building.
NEW YORK: Mills Building.
PHILADELPHIA: 208 So. Fourth Street.
BUFFALO: 15 and 16 Chapin Block.
ST. LOUIS: Bank of Commerce Building.
CLEVELAND: Grand Arcade Building.
CHICAGO: Home Insurance Building.
CINCINNATI: Mitchell Building.
MINNEAPOLIS: Boston Block.
GRAND RAPIDS: 4th Nat'l Bank Bldg.

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IRON-WORK for BUILDINGS.
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And Special Shapes for Architectural and Engineering Purposes,
Office, 132 First Avenue. PITTSBURGH, PA.
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Architectural Sheet-Metal Works.
Metal Building Trimmings, Ventilating Skylights Metalic Roofing Tiles, Building Specialties, Builders' Light Iron Work of every description.
Nos. 1201 to 1209 Callowhill Street,
PHILADELPHIA, PA.

COMPETITION.

of the plot on which the building is to be erected, showing location, dimensions, etc.

The architect whose plan, estimate and specification shall be approved and accepted by the Commissioners will be appointed architect for the construction of the building, and be paid for his services in superintending the work the fees prescribed by the American Institute of Architects, provided his standing is such as to guarantee a faithful discharge of his duties.

Each set of plans, estimates and specifications submitted shall be marked with such assumed designation as the architect may select, provided there shall be filed with the Mayor a sealed envelope giving the real name of the competitor, which will not be opened until the selection shall have been made.

THEO. W. MYERS, Comptroller,
WALTON STORM, Chairman Finance Committee, Board of Aldermen.
} Committee Commissioners of the Sinking Fund.

703

PROPOSALS.

SEWERS. [At Westfield, Mass.]

OFFICE OF SELECTMEN, TOWN-HALL,
WESTFIELD, MASS., June 5, 1889.

Sealed proposals for building from 12,000 to 20,000 feet of sewers will be received at this office, Town-Hall, Westfield, **until 2 P. M. of June 20, 1889.**

Each bid must be signed by the bidder, and be accompanied by a bond of $500, conditioned for the execution of the contract (with satisfactory sureties for its performance) within the time specified in this advertisement, in case the bid is accepted.

No bid will be considered which has not responsible sureties on its accompanying bond.

The person or persons to whom the contract may be awarded will be required to appear at this office with the sureties offered by him or them, and execute the contract within four secular days from the date of notification of such award, and the preparation and readiness for signature of the contract. And, in case of the failure or neglect to do so, he or they will be considered as having abandoned it, and the amount of the bond will be forfeited to the town of Westfield.

The amount of security required will be such sum as may be fixed by the Selectmen after the proposals are opened, said sum to be not less than one-third, or more than two-thirds, of the amount of the contract.

Printed specifications for doing the work, with blank forms for proposals and bond to accompany proposal, and any further information, can be obtained at the office of the Selectmen, Town-Hall.

The Selectmen reserve the right to reject any or all bids, or any part of any or all bids.

Proposals must be indorsed "Proposals for Building Sewers," and addressed to

W. C. CLARK,
Chairman Selectmen.

703

COURT-HOUSE. [At Pottsville, Pa.]

The undersigned will receive bids **until June 20th, 1889,** for stone and brick.

Also for iron beams and girder work.

Also for all stone masonwork by lump bid.

Also for all brickwork by lump bid.

All bids to be F. O. B. at Pottsville, or delivered at the Court-house.

Plans and specifications can be seen at the Court-house. Address all communications to

703 R. B. TAYLOR, Pottsville, Pa.

PROPOSALS.

June 10th, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M. on the 2d day of July, 1889, for all the stone and brick work required to complete the basement and area walls of the United States Court-house, Post-office, etc., building at Savannah, Ga., including concrete footings and drainage, in accordance with the drawings and specifications, copies of which may be had on application at this office and the office of the Superintendent. The specification and drawings may also be seen at the office of the Builders' and Dealers' Exchange, Charleston, S. C.; Builders' and Traders' Exchange, Chicago, Ill.; and the Builders' Exchange at Baltimore, Md. Each bid must be accompanied by a certified check for $500. JAS. H. WINDRIM, Supervising Architect. 703

JAIL. [At Sullivan, Ind.]

Up to 3 o'clock P. M., of the 21st day of June, 1889, sealed proposals will be received by the Auditor of Sullivan County, Ind.

Printed notice to contractors furnished on application to Wm. Willis, Auditor of Sullivan County, Ind.

Bids will be received for the erection of the jail and jailor's residence complete, also upon the following subdivisions thereof separately, viz.:

1. For all ironwork placed in building complete.
2. For all stonework and concrete complete.
3. For steam-heating and plumbing complete.
4. For all excavating, grading, brickwork, carpenter work, plastering, galvanized-iron, tin, slate work and painting and all other work necessary to complete the job, not particularly specified and designed in items 1, 2 and 3 as above set out.

Plans and specifications may be seen at the office of the Auditor of Sullivan County, Ind., or at the office of J. W. Gaddis, architect, Vincennes, Ind.

A bond will be required to accompany such bid in the penal sum of $5,000, payable to the State of Indiana signed by at least two resident free-hold sureties.

The Board reserves the right to reject any and all bids.

CHARLES SCOTT,
JAMES L. NASH,
HARRISON PITTMAN,
} Board of Commissioners.

703

TERRA-COTTA PIPE. [At Washington, D. C.]

OFFICE OF THE COMMISSIONERS, D. C.,
WASHINGTON, D. C., May 29, 1889.

Sealed proposals will be received at this office **until 12 o'clock M., on Saturday, June 22, 1889.** 1,000 feet 8-inch terra-cotta pipe; 175 feet of 8 x 6-inch terra-cotta Y branches; 45,000 feet 12-inch terra-cotta pipe; 6,000 feet 12 x 6-inch terra-cotta Y branches; 9,000 feet 15-inch terra-cotta pipe; 1,500 feet 15 x 6-inch terra-cotta Y branches; 7,500 feet 18-inch terra-cotta pipe; 1,200 feet 18 x 6-inch terra-cotta Y branches; 1,000 feet 21-inch terra-cotta pipe; 150 feet 21 x 6-inch terra-cotta Y branches; 6,800 feet 24-inch terra-cotta pipe; 600 feet 24 x 6-inch terra-cotta Y branches; 1,000 feet 6-inch terra-cotta pipe.

Blank forms of proposals and specifications can be obtained at this office upon application therefor, together with all necessary information, and only bids upon these forms will be considered.

The right is reserved to reject any and all bids or parts of bids.

J. W. DOUGLASS,
L. G. HINE,
C. W. RAYMOND,
Commissioners, D. C.

703

PROPOSALS.

WATER TOWER AND TANK. [At Terrell, Texas.]

BIDS WANTED

For the construction of a wrought-iron water tower and tank having a capacity of 75,000 gallons.

Plans and specifications can be seen at the North Texas Insane Asylum at Terrell, Texas, or will be sent to bidders upon a deposit of $10 for their return.

Bids must be accompanied by a certified check in the sum of $500, conditioned upon entering into contract with acceptable bond.

All bids must be sent sealed to the undersigned.

Bids will be opened **June 29, 1889, at 3 o'clock.**

Right is reserved to reject any or all bids.

D. R. WALLACE, M.D.,
Superintendent North Texas Insane Asylum, Ex-officio Secretary Board of Managers.

703

CISTERNS. [At New York, N. Y.]

DEPOT QUARTERMASTER'S OFFICE,
DAVID'S ISLAND, N. Y., May 25, 1889.

Sealed proposals, in triplicate, will be received at this office **until Thursday, June 27, 1889, 12 o'clock, noon,** and then opened in presence of attending bidders, for three brick cisterns, at David's Island.

All information furnished on application.

The right is reserved to reject any or all bids and to waive defects.

Mark proposals, "Proposals for Brick Cisterns," and address

GEO. H. COOK,
Capt. and A. Q. M., U. S. A., Depot Quartermaster.

704

PLUMBING. [At New York, N. Y.]

DEPOT QUARTERMASTER'S OFFICE,
DAVID'S ISLAND, N. Y., May 25, 1889.

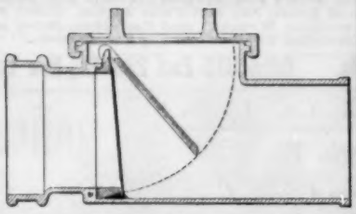
Sealed proposals, in triplicate, will be received **until Friday, June 28, 1889, 12 o'clock, noon,** and then opened in presence of attending bidders, for plumbing work in new barracks at David's Island.

All information furnished on application.

Sanitary Appliances

THE SANTÉ

Gas and Back Water Trap or Safety Valve.



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ERIE CITY FOUNDRY, ERIE, PA.

Sizes for 2, 3, 4, 5, 6 and 8 inch Clay or Iron Pipe.

No obstruction to passage of water or **any material.** **Full** area of soil pipe throughout **connection** and **Valve.** No Bolts, no Screws, nothing to break or get out of order. Easily accessible through Hand-Hole.

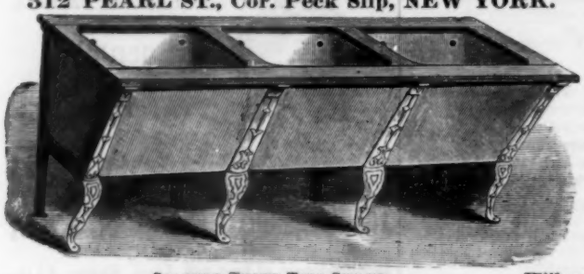
Descriptive Circular sent on application. For sale by all dealers in Plumbers' Supplies.

We also manufacture an Iron Street Valve in two sizes, viz: 10 in. by 15 in. and 18 in. by 18 in.

"THE CAST SINK MUST GO."
THE COLUMBUS WROUGHT STEEL KITCHEN AND PANTRY
Displaces all others wherever introduced — **SINKS** — Painted, Galvanized, Enameled
Send for Descriptive Circular and Prices to
THE KILBOURNE & JACOBS MFG. CO. SOLE MANUFACTURERS, COLUMBUS, O.

STEWART CERAMIC COMPANY,

312 PEARL ST., Cor. Peck Slip, NEW YORK.



SHOWING THREE TUBS SET UP.

Sole Manufacturers under Morahan's Patents of

THE CELEBRATED SOLID WHITE CROCKERY STATIONARY WASH-TUBS.

The only Perfect Sanitary Tubs now in Existence.

VERY STRONG.

No seams to open. Absolute cleanliness secured for all time.

WELL GLAZED.

Will not absorb, leak or decay.

The only Solid White Crockery Wash tub ever made in the world. Do not buy imitations until you see the genuine "Morahan's Patent," stamped on the front of every tub. Wash-board and Soap-cup moulded in every set. Will outlast any house.

Solid White Crockery Sinks, Comprising Butler's Pantry, Kitchen, Slop, etc.,

Made of same material as the tubs. Very strong, well glazed, no labor required to keep clean.

LIBERAL TERMS TO THE TRADE. SEND FOR PRICE-LIST AND CATALOGUE.

WOODEN TANKS FOR HOUSE WATER SUPPLY

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76 John Street, - New York City.

GEO. A. BLESSING & CO.,

PLUMBING GOODS AND SANITARY APPLIANCES,

Nickel Iron and Pure Nickel Bath Tubs, Pantry Sinks, etc.

52 CLIFF STREET, - - NEW YORK.

Health Department, Plans and Specifications of Plumbing and Drainage prepared for **Architects, Contractors** and **Owners,** and approval of Health Department secured on same. All work executed in name of Client.

LEONARD D. HOSFORD, 43 Beekman St., New York.

TUCKER & TITUS,

Plumbers, Sanitary Plumbing, Drainage and Ventilation.

14 BRATTLE SQ., Quincy House Block, BOSTON.

JAMES TUCKER. Telephone No. 1223. FRANK A. TITUS.

PLUMBING.

HENRY HUSSEY & CO., 79 Kingston St., Boston.

Public and Private buildings examined and put in thorough condition. Plans, specifications and estimates furnished for city and country work on application

PROPOSALS.

The right is reserved to reject any or all bids and to waive defects.

Mark proposals "Proposals for Plumbing," and address GEO. H. COOK,

Capt. and A. Q. M., U. S. A., Depot Quartermaster.

704

HOT-WATER HEATING.

[At New York, N. Y.]

DEPOT QUARTERMASTER'S OFFICE,
DAVID'S ISLAND, N. Y., May 25, 1889.

Sealed proposals, in triplicate, will be received **until Tuesday, June 25, 1889, 12 o'clock, noon,** and opened immediately thereafter in presence of attending bidders, for constructing a system of hot-water heating apparatus for the new brick barrack at David's Island.

Specifications and blank forms furnished on application.

The right is reserved to reject any or all proposals and to waive defects.

PROPOSALS.

Indorse proposals, "Proposals for Heating Apparatus," and address GEO. H. COOK,

Capt. and A. Q. M., U. S. A., Depot Quartermaster.

703

LIGHTING APPARATUS.

[At New York, N. Y.]

DEPOT QUARTERMASTER'S OFFICE,
DAVID'S ISLAND, N. Y., May 25, 1889.

Sealed proposals, in triplicate, will be received **until Wednesday, June 26, 1889, 12 o'clock, noon,** and opened immediately thereafter, in presence of attending bidders, for lighting new barracks by carburetted air-gas, at David's Island, N. Y.

Specifications and blank forms furnished on application.

The right is reserved to reject any or all proposals and to waive defects.

Indorse proposals, "Proposals for Lighting Apparatus," and address GEO. H. COOK,

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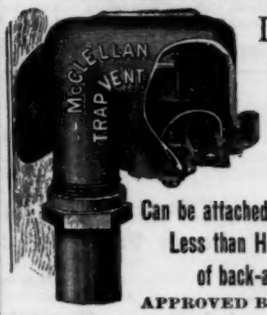

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PROPOSALS FOR CUT-GRANITE. Office to Building for Library of Congress, 145 E. Capitol Street, Washington, D. C., May 25, 1889. Sealed proposals for furnishing and delivering all of the cut-granite required for the front walls, including the dome of the rotunda for the Building of the Library of Congress, in this city, will be received at this office until 2 o'clock P. M. on Saturday, the 29th day of June, 1889, and opened immediately thereafter in presence of bidders. The granite must be of light bluish-gray color and fine grain. Specifications, general instructions and conditions, and blank forms of proposal may be obtained on application at this office. BERNARD R. GREEN, Superintendent and Engineer. 704

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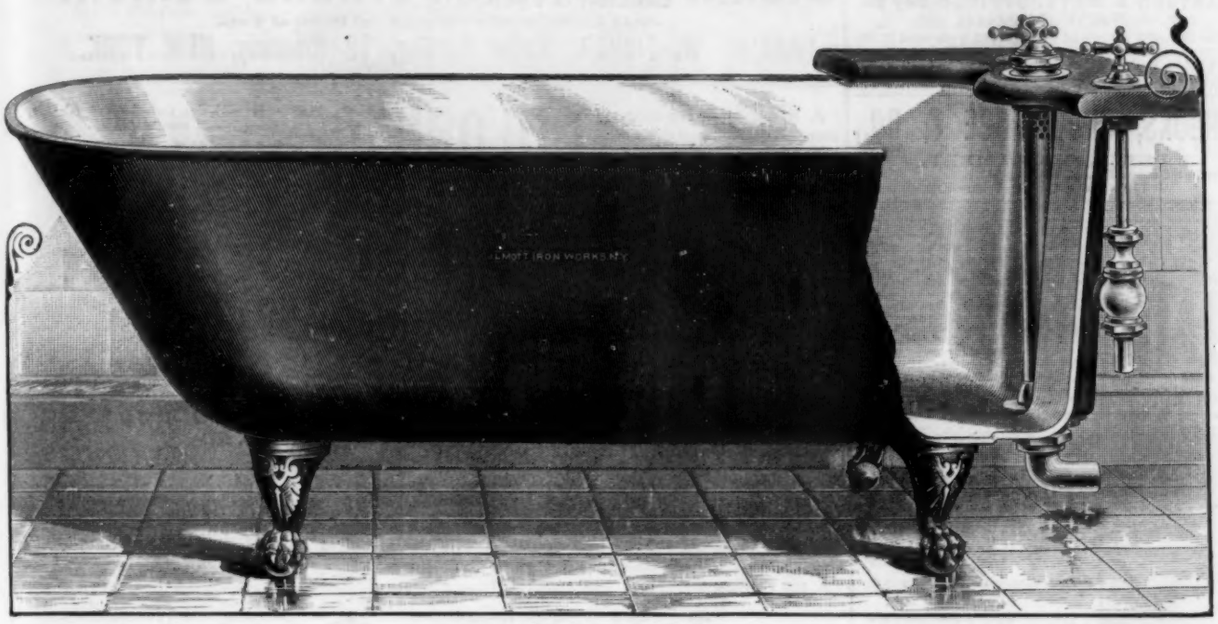

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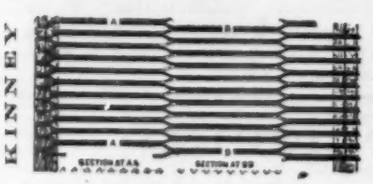

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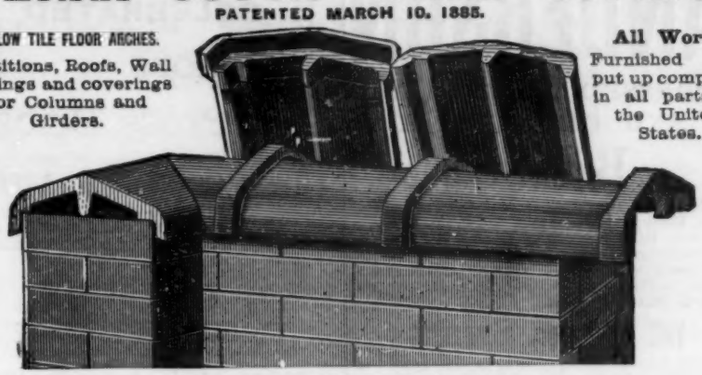

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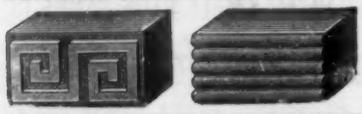

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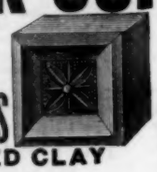

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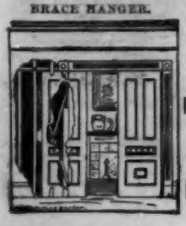

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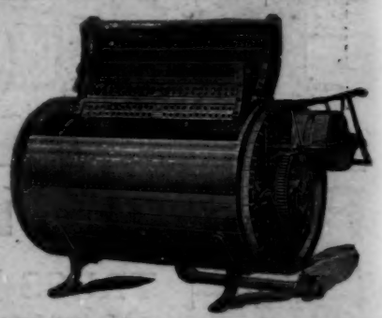

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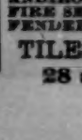

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Jersey	4 50 @ 5 00	Bay State Hard 9 00		" @ 9 00
Long Island	@	Domestic Com. 9 50 @ 10 00	Indiana Pressed 14 00 @ 20 00	Salmon @ 6 50
Up River	5 25 @ 5 75	Domestic Face 20 00 @ 22 00	St. Louis Fronts @ 27 00	Sq. " @ 8 50
Haverstraw Bay 2nd	5 75 @ 6 00	Philadelphia 40 00 @ 45 00	15 00 @ 27 00	Light Stretchers @ 12 00
" 1st	6 25 @ 6 50	Phila. mould 50 00 @ 80 00	65 00 @ 320 00	Medium " @ 14 00
Hollow	@ 13 00	Anderson 14 00 @ 32 00	@ 55 00	Red " @ 15 00
Fronts			45 00 @ 50 00	Dark " @ 15 00
Croton, Brown	14 00 @ 15 00		45 00 @	Pressed 20 00 @ 23 00
" dark	15 00 @ 16 00		25 00 @	Best Paving @ 16 00
" red	15 00 @ 16 00		60 00 @ 100 00	second " @ 14 00
Chicago pressed (Anderson)			30 @	Third " @ 13 00
Chicago Moulded			35 @	
Baltimore	37 00 @ 41 00		55 00 @ 65 00	
Philadelphia	@ 22 00			
Trenton	@ 22 00		@ 100 00	Dom. @ 85
Milwaukee			@ 120 00	@ 85
Moulded:				
Glens Falls Red Pressed	@ 37 00			
" " Buff "	@ 30 00			
" " Moulded Red & Buff	45 00 @ 70 00			
Enamelled: *Imp.*				
Enamelled (edge.)	85 00 @ 100 00			
Enamelled (edge and end)	90 00 @ 115 00			
CEMENT, LIME, etc.—(₱ cask.)				
Rosendale Cement	95 @ 1 10	95 @ 1 40	*Not Sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co	1 05 @ 1 30	B & S.E. 275 @ 300
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (E. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burham)	2 50 @ 2 80	2 60 @ 3 00	3 00 @ 3 25	2 50 @ 2 75
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafargo)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	3 00 @ 3 25	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	2 80 @ 3 15	2 50 @ 2 75
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	2 80 @ 3 15	Jessop
" " (Lagerdofer)		2 55 @ 3 00	2 75 @ 3 00	2 50 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	2 85 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not Sold.*	2 75 @ 3 00
" " Stettin, (Anchor)	2 35 @ 2 85	2 15 @ 2 50	*Not Sold.*	
" American (Saylor's)	2 15 @ 2 45	@ 3 00	2 75 @ 3 00	2 50 @ 2 75
Roman	2 75 @ 3 00	@ 6 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 11 50	7 00 @ 7 50	6 50 @ 7 00
" superfine	9 25 @ 10 25		11 00 @ 12 00	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30 ₱ bush
Chicago Lime in bulk		St. John 1 00	55 @	White Mass
Wisconsin "			60 @	1 25 @ 150
Rockland and Rockport, (Com.)	@ 1 00	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 1 20	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing "	@ 1 10	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined.)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 30 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ bush	18 @ 21	25 @ 30	30 @ 25	20 @ 25
" (Goat)	25 @ 28	@ 50	30 @ 55	30 @ 35
Sand, ₱ load	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ cubic foot, rough.)				
Granite: (Maine)		@ 60		55 @ 60
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet	@ 1 00		35 @ 55	Richmond
Lemont	@		35 @ 60	75 @ 1 85
Serpentine	@		@ 1 00	4 50 ₱ Perch

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Foundation:				
Dimension	@	5 00 ₱ ton	20 @	@ 5 00
Block	@	4 60 ₱ perch		Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (₱ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed	50 @ 6 00	75	50 @ 1 00	37 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		} 95 @ 1 16
Kibbe	@ 90	90 @ 1 10		}
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ₱ cub. ft.	1 05 @ 1 35
Amherst }	90 @ 95	90 @ 1 00	45 @ 50	}
Berea } Ohio	75 @ 1 00	80 @ 90	45 @ 55	} 55 @ 1 00
Berlin }	75 @ 1 00	80 @ 90	55 @ 65	}
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 4
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 00 @ 1 1
Caen	@	@ 2 00	"	1 25 @ 1 5
Carlisle, English	@ 1 05	80 @ 90		95 @ 1 1
Corse Hill (Scotch)	1 05			
Marble (₱ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and Blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined	@	50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna	@	3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red	@	1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville	@	85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@		*Not sold.*	2 00 @ 3 00
Vermont, white	@	1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate; Roofing (₱ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	3 25 @ 4 00
" " Chapmans	@	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Me.	5 50 @ 8 00	5 50 @ 8 0	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am. ₱ M	@		*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil,* ₱ *lb.*)				
White lead, Am	7 @ 7½	7 @ 7½	6½ @ 7	@ 7
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am.,	6½ @ 7	7 @ 7½	6½ @ 7	@ 7
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 1½
" Vermilion	65 @ 70	68 @ 70 dry	62 @ 65	Eng. @ 66
Red Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 15
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 12
Green, Paris,	25 @ 40	25 @ 40	18 @ 35	" 20 @ 25
Black, lamp,	15 @ 25	15 @ 25	8 @ 30	@ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	@ 20
Oil, linseed, (raw) (₱ gal.)	58 @ 60	60 @ 61	59 @ 60	@ 60
" " boiled	61 @ 63	63 @ 64	62 @ 63	@ 63
Turpentine	38 @ 30	39 @ 42	43 @ 46	@ 41
Varnish, coach	@	1 50 @ 6 00	1 25 @ 2 00	2 00 @ 2 50
Shellac	@	2 50 @ 3 00	2 25 @ 4 00	2 50 @ 3 50
Putty (₱ *lb.*)	2 @	2 @ 4	02½ @	@ 2
Whiting	75 @ 1 00	1 @ 1½	1 @ 1½	@ 1
Paris white, (Eng.,)	1 30 @ 2 00	2 @ 3	1½ @ 2	@ 1½
Litharge, Am	5½ @ 6	5½ @ 6½	6½ @ 7	@ 7
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	@ 14
Umber, "	14 @ 20	14 @ 20	2 @ 10	@ 12
HARDWARE.				
Nails: (*Per Cask.*) **Spikes,** (*wrought.*)	@ 2 85		2 05 @	pr kg @ 2 10
10d. common	@ 2 60	@ 2 10	@ 2 15	@ 2 10
Shingle	@ 3 35	@ 2 60	@ 2 65	@ 2 40
Lath	@ 4 85	@ 3 60	@ 3 55	3 00 @ 3 50
Finishing nails according to size.			Add .85 to $1.15	per ₱ 11 @ 14
(*For casing nails add 75c. per keg.*)			" .50 to .90	Add pr cask
Butts: 4" x 4" (₱ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 44
Japanned	@ 1 50	@ 1 75	*Not sold.*	@ 1 57
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 75 @ 2 00
Ball Tip, Boston Finish (₱ pair.)	@ 65	@ 60	*Not sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (on cupboards)	@ 10	@ 10	@ 12	@ 1 00
Ebony				@ 35
Apple wood				37 @ 1 00
Knobs: (₱ *Set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not sold.*
Hematite	*Not sold*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
Glass, silvered	*Not sold*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 1 50	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 50 @ 3 00	75 @ 1 25
Solder:		16 00 @ 17 00	13 00 @ 15 00	22 @ 25
sheet Lead		@ 6		12 @ 13½
Lead Pipe		@ 6		6 @ 6½
Iron:				
I-Beams, up to and including 30 ft	3 3-10 @ 3½	2 8-10 @ 3½	@ 4	@ 2 8-10
I-Beams, over 30 ft. ½, ¼, ½ c. advance				@ 2 8-10
Channel-Beams	3 3-10 @ 3½	2 8-10 @ 3½	@ 4	@ 2 8-10

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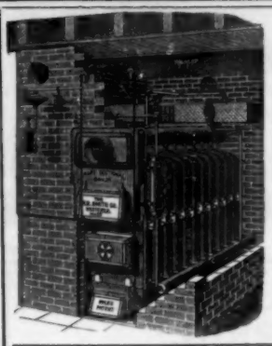

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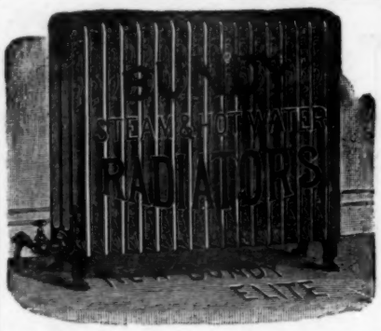

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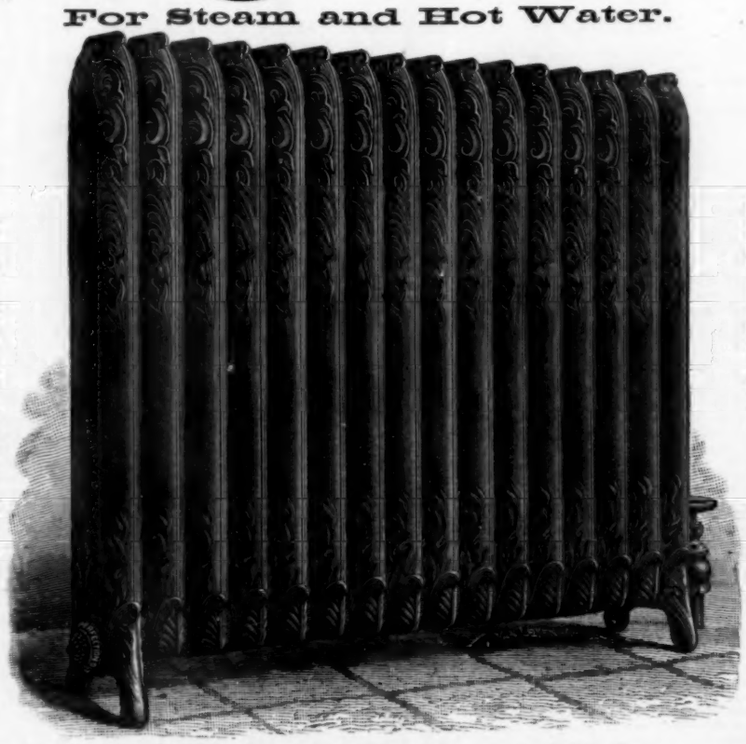

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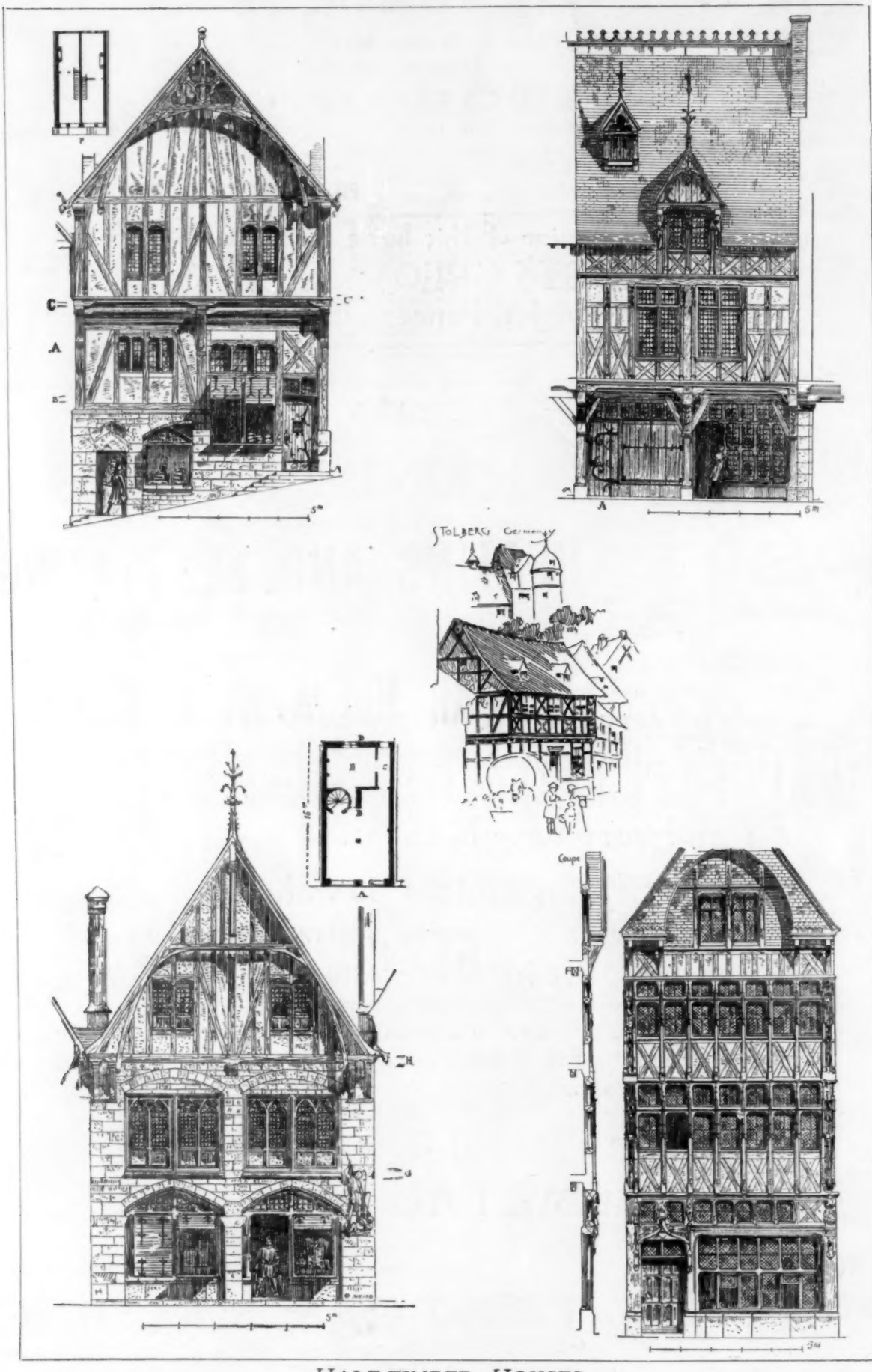

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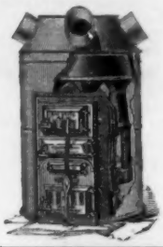

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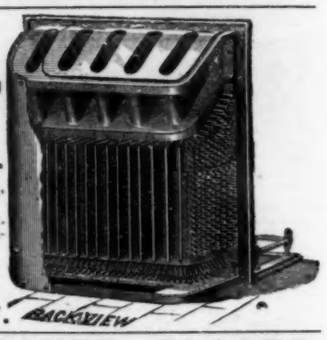

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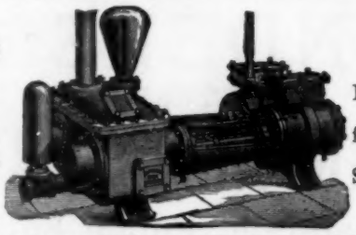

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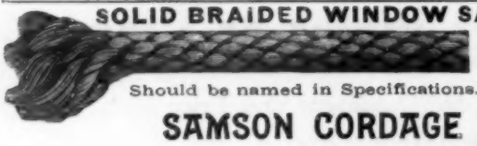

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New Advertisements.

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POTSDAM RED SANDSTONE CO. (Potsdam, N. Y.), Building Stone. Page xiii.
RANDOLPH & CLOWES (Waterbury, Conn.), Boilers. Page xii.

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The *American Architect* Drawing-Office will undertake the preparation of perspective drawings in line or color from scale drawings, or will render drawings already in outline. Address the editors.

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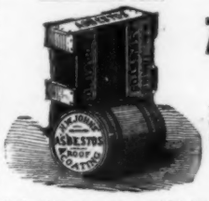

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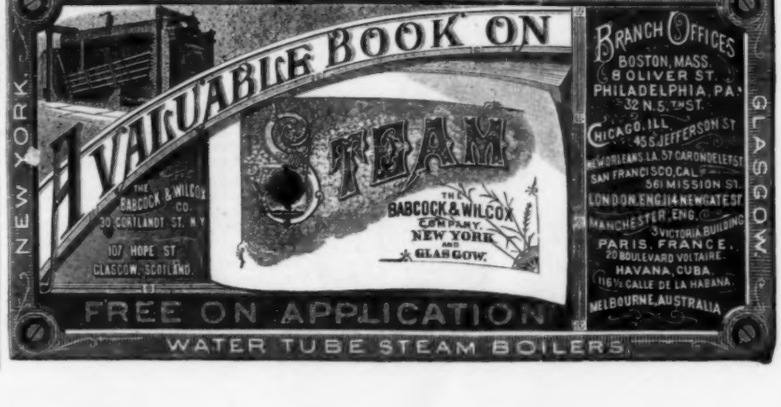

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Boston, Mass.—*Ohio St., No.* 4, alterations to brick dwell.; owner, Mrs. S. H. Stratton; builder, E. Stoddard.

East Broadway, No. 672, Ward 14, remodel frame dwell.; owner, A. G. Trafton.

Linwood Ave., No. 10, Ward 21, addition to brick dwell.; owner, T. W. Westcott; builder, C. A. Jefferson.

Portland St., Nos. 93-97, Ward 7, addition to brick mercantile building; owner, H. D. Trask; builder, T. W. Brown.

North Market St., No. 21, cor. Clinton St., Ward 6, alterations to brick mercantile building; owners, Snow Bros.; builder, S. S. Goodwin.

Chelsea St., No. 351, remodel frame dwell. and store; owner, J. Frazier; builder, C. P. Stone.

Columbus Ave., No. 335, cor. Dartmouth St., Ward 11, addition and alter brick dwell.; owner, O. Nute; builder, D. H. Cram.

Broadway ext., cor. Curve St., Ward 16, addition to brick stable; owners, B. & A. R. R.; builders, M. S. & G. N. Miller.

Eliot St., No. 27, Ward 10, addition to iron dwell. and store; owner, A. S. Appleton; builder, J. Y. Mainland.

Washington St., No. 1107, Ward 16, remodel dwell. and store; owner, J. M. Currier; builders, Jackson & Shepard.

Chauncy St., No. 61, cor. Bedford St., No. 39, Ward 10, general alterations to brick mercantile building; owner, W. H. Allen; builders, H. Crow & Co.

Mt. Vernon St., No. 89, Ward 9, remodel brick dwell.; owner, L. Valentine; builder, I. G. Hersey.

Washington St., No. 518, *Harrison Ave. ext. and Bedford St.*, Ward 10, addition to brick mercantile building; owner, Frothingham estate; builders, McNeil Bros.

Marlborough St., No. 319, Ward 11, remodel brick dwell.; owner, S. H. Hayes; builder, G. W. Pope.

Temple St., cor. River St., Ward 24, remodel brick engine-house; owners, City of Boston; builders, J. H. Burt & Co.

Main St., No. 42, Ward 5, remodel frame dwell. and store; owner, W. Denoir; builder, G. M. Starbird.

BUILDING INTELLIGENCE.

Chicago, Ill.—D.O. Regan, two-st'y addition, Dashiel St.; cost, 3,000; architects, J. F. & J. P. Doerr.

J. Conley, three-st'y rear addition, Park Ave.; cost, $10,000; architect, J. J. Regan.

Cincinnati, O.—C. T. Dickson, one and two-st'y addition to school-house, Morris St.; cost, $3,500; architect, S. W. Rogers.

Detroit, Mich.—Hugh McMillen, additions to dwell., Jefferson Ave.; cost, $10,000.

Little Rock, Ark.—Jacob Estate, remodelling frame dwell.; cost, $3,000; architect, F. J. Rickon.

Melrose, Mass.—Alterations to High-School building; architect, W. A. Rodman, Boston; contract to be let.

Philadelphia, Pa.—*Broad St.*, n w cor. Columbia Ave., rebuild market-building; owner and builder, R. J. Dobbins, 308 North Broad St.

North Broad St., No. 1929, two-st'y balcony; owner, J. B. Johnston, 1414 Camac St.

Third St., bel. Huntingdon St., addition to factory; owner, Edward Molloy, 1902 East Somerset St.

Vine St., No. 6065, new front; owner, Mrs. M. L. Anderson, on premises.

Ninth St., s e cor. Mifflin St., addition to boiler-house; owner, Ninth Ward Gas-Works; builder, L. H. Hathaway, 315 North Thirty-ninth St.

Jefferson St., Nos. 2001-2003, three-st'y new fronts; owner, F. S. Coffin, 1645 Thompson St.

North Second St., No. 1410, one-st'y addition; owner, Charles G. Weed, 220 Reed St.

Seventeenth St., s Kater St., front alteration; builders, Duross & Welsh, 758 South Broad St.

Market St., No. 1702, three-st'y addition to building; builder, Chas. L. Grubb, 623 South Nineteenth St.

St. Louis, Mo.—Repair five-st'y brick store; cost, $5,000; owners, Conn. Mut. Life Ins. Co.; contractor, F. C. Bonsack.

Two-st'y brick addition to store; cost, $4,000; owner, J. Steinecke; contractor, T. Menke.

APARTMENT-HOUSES.

Boston, Mass.—*Berkeley St., No.* 98, Ward 11, five-st'y brick apartments, flat roof, 20' x 78'; owner, N. P. Hamlin; builders, D. B. Jacobs & Son.

Bolivia St., Nos. 9-15, Ward 15, 4 four-st'y brick apartments, flat roofs, 21' 3" x 40'; owner and builder, W. Bassett.

Chicago, Ill.—N. Kronenberger, two-st'y flats, West North Ave.; cost, $4,000; architect, Kronenberger.

J. G. Jones & Co., owners and architects, two-st'y flats, Warren Ave.; cost, $4,500.

V. Starman, three-st'y flats, West Twentieth St.; cost, $4,500; architect, same as last.

C. Keefer, five-st'y flats, North State St.; cost, $8,000; architect, C. Herman.

BUILDING INTELLIGENCE.

W. Weigrefe, two-st'y flats, Fulton St.; cost, $3,000; architect, A. Rehwoldt.

S. Riford, 8 two-st'y flats, Wilcox Ave.; cost, $38,000; architect, W. D. Cowles.

H. Fehling, three-st'y flats, North Ashland Ave.; cost, $7,500; architect, L. Linderath.

J. Schwebel, two-st'y flats, West Division St.; cost, $3,000; architect, C. Meister.

J. Kustufek, three-st'y flats, Twenty-first St.; cost, $4,600; architect, F. Masek.

F. Reinke, two-st'y flats, Samuel St.; cost, $3,000; architect, F. Dappiestein.

C. Dahlstrom, three-st'y flats, Butler St.; cost, $6,000; architect, E. Olson.

T. Thompson, four-st'y flats, North Ashland Ave.; cost, $7,000; architects, Lutken & Thisslen.

A. Cohn, three-st'y flats, Wilson St.; cost, $7,000; architect, W. C. Karbach.

H. Deist, four-st'y flats, Western Ave.; cost, $8,000; architect, J. Warner.

Mary A. Cullerton, three-st'y flats, Sedgwick St.; cost, $5,000; architect, T. Wing.

N. Strasser, 2 four-st'y flats, Sedgwick St.; cost, $8,000; architect, A. Boos.

J. Rogers, two-st'y flats, Haynes Ct.; cost, $3,000; architect, C. Farr.

T. A. Dungan, four-st'y apartment, North Clark St.; cost, $60,000; architect, H. B. Seeley.

Mary Dahl, two-st'y flats, Seymour St.; cost, $3,900; architect, E. Olson.

G. Nelson, three-st'y flats, Townsend St.; cost, $4,000; architects, Oliver & Hill.

L. A. Mackin, two-st'y flats, Washtenaw Ave.; cost, $2,900; architect, P. Ward.

S. L. McCreight, two-st'y flats, Marshfield Ave.; cost, $4,000; architect, H. D. Dean.

J. Mroz, three-st'y flats, West Eighteenth St.; cost, $4,500; architect, Mroz.

J. McNaughten, three-st'y flats, Indiana Ave.; cost, $7,500; architects, J. F. & J. P. Doerr.

F. J. Hurney, three-st'y flats, Fifth Ave.; cost, $6,000; architects, same as last.

A. M. Russell, two-st'y flats, Wilcox Ave.; cost, $1,500; architect, H. Hesse.

J. Grimach, two-st'y flats, James Ave.; cost, $3,000; architect, J. Krivanek.

F. Masek, three-st'y flats, West Seventeenth St.; cost, $4,000; architect, same as last.

Berkshire House Co., six-st'y flats, Michigan Ave.; cost, $50,000; architect, W. A. Otis.

F. Peter, three-st'y flats, West Seventeenth St.; cost, $3,800; architect, J. Krivanek.

P. Gorman, three-st'y flats, Austin Ave.; cost, $3,500; architects, Lutken & Thisslen.

W. Morgan, three-st'y flats, Belden Ave.; cost, $5,000; architect, W. Dykma.

Oliver & Hill, owners and architects, 2 two-st'y flats, Johnson Pl.; cost, $6,000.

W. Kasch, two-st'y flats, Hinman St.; cost, $3,700; architect, W. Walk.

J. Cranska, four-st'y flats, West Twentieth St.; cost, $6,500; architect, F. C. Sayer.

J. Gurski, two-st'y flats, Dudley St.; cost, $2,500; architect, J. Pishke.

C. C. Niemezer, two-st'y flats, West Division St.; cost, $2,500; architect, A. Rich.

F. Heidenbluth, owner and architect, three-st'y flats, Ambrose St.; cost, $2,500.

C. Armhiucht, owner and architect, two-st'y flats, Webster Ave.; cost, $3,000.

M. O. Tremain, owner and architect, 2 two-st'y flats, Wilcox Ave.; cost, $9,000.

J. Jansen, owner and architect, 4 two-st'y flats, Oakley St.; cost, $12,000.

A. Schlichte, three-st'y flats, Beethoven Pl.; cost, $5,000; architect, H. Rassmussen.

D. Blake, 2 two-st'y flats, Kedzie Ave.; cost, $5,000; architect, J. M. Pashley.

Reinach & Paulson, 2 four-st'y flats, Blue Island Ave.; cost, $26,000; architects, R. Rehwold & Co.

J. Condon, three-st'y flats, Austin Ave.; cost, $4,500; architect, J. Devine.

J. Jandos, two-st'y flats, Coutler St.; cost, $2,900; architect, A. Charvat.

J. Joho, three-st'y flats, Twenty-ninth St.; cost, $5,000; architects, J. F. & J. P. Doerr.

T. Doonan, three-st'y flats, Lytle St.; cost, $3,300; architects, Snyder & Quiner.

J. Byrne, two-st'y flats, Wood St.; cost, $2,700; architect, W. Ruehl.

E. Geissler, 5 two-st'y flats, Rockwell St.; cost, $12,000; architect, C. Giese; two-st'y flats, West Sixteenth St.; cost, $2,300.

T. W. Brophy, 3 three-st'y flats, Ashland Ave.; cost, $11,000; architect, J. E. Schiller.

S. Crane, two-st'y flats, Dayton St.; cost, $3,500; architect, F. H. Rossler.

C. Stimmetz, 2 four-st'y flats, Johnson Pl.; cost, $14,000; architect, C. B. Thomas.

H. Clifford, three-st'y flats, Division St.; cost, $4,000; architect, H. N. Hanson.

Mrs. B. Reil, two-st'y flats, Winchester Ave.; cost, $5,000; architects, Ruehl & Gommlech.

Mrs. Kuepper, two-st'y flats, Winchester Ave.; cost, $5,000; architects, same as last.

H. F. Hanson, owner and architect, three-st'y flats, West Huron St.; cost, $3,000.

J. Grogan, owner and architect, two-st'y flats, Halsted St.; cost, $4,000.

J. Foley, 2 four-st'y flats, Centre Ave.; cost, $11,000; architect, P. J. Killeen.

L. Schmidt, two-st'y flats, Hinman St.; cost, $4,000; architect, E. Probst.

Mr. Shanley, two st'y flats, Winchester Ave.; cost, $5,500; architects, Thomas & Rapp.

T. Tilep, three-st'y flats, Van Horn St.; cost, $5,000; architect, J. Krivanek.

D. Brausch, four-st'y flats, West Twelfth St.; cost, $6,500; architect, A. Bargenbush.

J. Tansch, four-st'y flats, West Fourteenth St.; cost, $6,000; architect, H. Olsweskey.

F. Schalk, two-st'y flats, West Thirteenth St.; cost, $3,000; architect, A. Schwartz.

P. Peterson, three-st'y flats, Fullerton Ave.; cost, $4,000; architect, J. H. Huber.

L. J. McCormick, ten-st'y apartment, Cass and Ohio Sts.; cost, $500,000; architect, C. J. Warner.

J. Gleason, three-st'y flats, Thirty-first St.; cost, $11,000; architect, B. W. Bargerbush.

Cincinnati, O.—T. J. & J. J. Emery, 8 two-st'y brick flats, Fourth St.; cost, $38,000; architect, J. B. Steinkamp.

New York, N. Y.—*Tenth Ave.*, e s, 49′ 11″ n One Hundred and Forty-eighth St., 2 five-st'y brick flats, tin roofs; cost, $30,000; owner, George J. Fernschild, 71 East One Hundred and Twentieth St.; architect, William Fernschild, 72 East One Hundred and Twentieth St.

One Hundred and Eighteenth St., n e cor. Madison Ave., 2 five-st'y brick flats, tin roofs; cost, $46,000; owner, John D. Heines, 321 Pleasant Ave.; architect, G. Robinson, Jr., 247 West One Hundred and Twenty-fifth St.

Ninth Ave., w s, 51½′ n Seventy-fifth St., 2 five-st'y brick flats, tin roofs; cost, $50,000; owner, Thomas A. McGowan, 329 West Fifty-seventh St.; architect, F. T. Camp, 60 Liberty St.

Madison Ave., w s, 25′ n One Hundred and Fifth St., 4 five-st'y brick flats, tin roofs; cost, $60,000; owners, Lorz & Mix, 57 East Ninety-third St.; architects, Weston, Tuckerman & Lyon, 31 Broad St.

St. Nicholas Ave., s e cor. One Hundred and Twenty-ninth St., five-st'y brick flat, tin roof; cost, $52,500; owner, William Ramsay, 14 West Sixtieth St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Mulberry St., No. 191, five-st'y brick flat, tin roof; cost, $18,000; owner, Charles Downey, One Hundred and Fourteenth St., bet. Second and Third Aves.; architect, Alex. I. Finkle, cor. Broadway and Spring St.

Cherry St., Nos. 55-57, five-st'y brick flat, tin roof; cost, $16,000; owner, Martin McCormack, 11 Jay St.; architects, Thom & Wilson, 1267 Broadway.

East Eighty-first St., No. 238, five-st'y brick flats, tin roof; cost, $15,000; owners, Coulin & Gannon, 131 East One Hundred and Eleventh St. and 309 East Sixty-ninth St.; architect, Oswald Wirz, 309 East Sixty-ninth St.

Eighth Ave., e s, 25′ n One Hundred and Thirty-first St., 3 five-st'y brick flats, tin roofs; cost, $54,000; owner, James Riley, 416 East One Hundred and Fifteenth St.; architect, Julius Munkowitz, 247 West One Hundred and Twenty-fifth St.

Ninety-ninth St., s s, 100′ w Ninth Ave., 2 five-st'y brick flats, tin roofs; cost, $30,000; owner, Fernando Yost, 320 East One Hundred and Twenty-fifth St.; architect, Andrew Spence, 2294 Third Ave.

Clarckson St., n s, 106′ 7½″ e West St., 3 five-st'y brick flats, tin roofs; cost, $57,000; owner, Michael Ryan, 99 Barrow St.; architect, John C. Burne, 1531 Third Ave.

West Seventeenth St., Nos. 413-415, 2 five-st'y brick flats, tin roofs; cost, $26,000; owner, James F. Kelley, 2291 Fourth Ave.; architect, Andrew Spence, 2294 Third Ave.

Seventh Ave., n e cor. One Hundred and Thirty-second St., 3 five-st'y brick flats, tin roofs; cost, $50,000; owner, John B. Haskin, Fordham, N. Y.; architect, A. B. Marshall, One Hundred and Eighty-fourth St. and Bainbridge Ave.

Madison Ave., n w cor. One Hundred and Fifth St., five-st'y brick flat, tin roof; cost, $18,000; owners, Lorz & Mix, 57 East Ninety-third St.; architects, Weston, Tuckerman & Lyon, 31 Broad St.

Thirty-ninth St., n s, 90′ w Third Ave., 2 five-st'y brick flats, tin roofs; cost, $43,000; owner, Frank E. Smith, 1800 Ninth St.; architect, R. E. Rogers, 2550 Third Ave.

West Forty-seventh St., Nos. 505-509, 3 five-st'y brick flats, tin roofs; cost, $45,000; owner, Henry Astor estate, 52 Wall St. and 1477 Broadway; architect, Joseph Wolf, 55 Liberty St.

Second Ave., No. 1181, five-st'y brick flat, tin roof; cost, $21,000; owner, James Mulry, 30 East Eighty-first St.; architect, Fred Ebeling, 3 First Ave.

Avenue A, Nos. 215-217, 2 five-st'y brick flats, tin roofs; cost, $40,000; owner, Frank Vettel, 285 Avenue A; architect, Bruno W. Berger, 52 Bible House.

Thirteenth St., n s, 108′ 6″ w Avenue C, 5 five-st'y brick flats, tin roofs; cost, $94,000; owner, Wm. H. Muldoon, 403 East Eighty-first St.; architect, Ewd. Wenz, 1491 Third Ave.

Seventh Ave., n e cor. One Hundred and Twenty-first St., five-st'y brick flat, tin roof; cost, $30,000; owner, Leopold Kahn, 369 West Twelfth St.; architects, Thom & Wilson, 1267 Broadway.

Macdougal St., No. 108, five-st'y brick flat, tin roof; cost, $18,000; owner, E. W. Brown, 189 Bleecker St.; architect, Frederick Jenth, 191 Forsyth St.

Ninety-seventh St., n s, 100′ e Ninth Ave., four-st'y brick flat, gravel roof; cost, $40,000; owner, Benjamin F. Romain, Jr., 20 Nassau St.; architect, August Namur, 35 Broadway.

Lewis St., No. 10, five-st'y brick flat, tin roof; cost, $20,000; owners, Weil & Meyer, 227 East Sixtieth St.; architect, Geo. B. Pelham, 1481 Broadway.

Allen St., No. 97, five-st'y brick flat, tin roof; cost, $18,000; owner, Jos. L. Butterwiser, 227 East Sixtieth St.; architect, Geo. B. Pelham, 1481 Broadway.

Oliver St., No. 51, five-st'y brick flats, tin roof; cost, $20,000; owners, Weil & Meyer, 227 East Sixtieth St.; architect, Geo. F. Pelham, 1481 Broadway.

East Seventy-fourth St., No. 173, five-st'y brick flat, tin roof; cost, $16,000; owner, Hugh J. Kelly, 157 East Thirty-fifth St.; architect, Julius Munkowitz, 247 West One Hundred and Twenty-fifth St.

Broome St., Nos. 312-314, 2 five-st'y brick flats, tin roofs; cost, $38,000; owner, Adam Happel, 199 Broome St.; architect, Franklin Baylies, 52½ Bible House.

Eighty-fourth St., n s, 220′ e First Ave., 3 five-st'y brick flats, tin roofs; cost, $51,000; owners, Moore & McLaughlin, 432 East Eighty-seventh St. and 346 East Eighty-first St.; architects, Thom & Wilson, 1267 Broadway.

East Houston St., No. 336, five-st'y brick flats, tin roof; cost, $15,000; owner, Adolph Metzger, 336 East Houston St.; architect, Frederick Jenth, 191 Forsyth St.

One Hundredth St., n e cor. Boulevard, five-st'y brick flat, tin roof; cost, $30,000; owner, T. McInerney, 87 First Pl., Brooklyn, King's Co., N. Y.; architect, E. L. Angell, 94 Liberty St.

Tenth Ave., w s, 49′ 10″ n One Hundred and Thirty-first, 5 five-st'y brick flats, tin roofs; cost, $75,000; owner, Michael A. McCool, 144 West Twenty-sixth St.; architect, Andrew Spence, 2294 Third Ave.

Greenwich Ave., Nos. 32-34, 2 five-st'y brick flats, tin roofs; cost, $40,000; owner, James McGay, 61 East Fifty-fourth St.; architect, Frank Goodwillie, 160 West Thirty-fourth St.

Seventh Ave., s w cor. One Hundred and Thirtieth St., 2 five-st'y brick flats, tin roofs; cost, $80,000; owner, Thomas Gearty, 133 East Eighty-third St.; architect, G. A. Schellinger, 128 Broadway.

Willis Ave., n w cor. One Hundred and Thirty-seventh and One Hundred and Thirty-eighth Sts., 2 five-st'y brick flats, tin roofs; cost, $60,000; owners, Cotter Bros., 663 East One Hundred and Forty-third St.; architect, John C. Burne, 1531 Third Ave.

Goerck St., 2 five-st'y brick flats, tin roofs; cost, $40,000; owners, Cavinito Bros., Brook Ave., near One Hundred and Forty-fourth St.; architect, John C. Burne, 1531 Third Ave.

CHURCHES.

Chicago, Ill.—Baptist Church, one-st'y church, West Jackson St.; cost, $40,000; architects, J. M. Van Osdel & Co.

FACTORIES.

Chicago, Ill.—Mrs. N. K. Sherwood, four-st'y factory, Michigan Ave.; cost, $40,000; architect, Geo. O. Garnsey.

B. Lathrop, eight-st'y factory, Fourth Ave.; cost, $75,000; architects, Halibird & Roche.

New York, N. Y.—*East Fifty-second St., Nos.* 214-216, five-st'y brick factory, tin roof; cost, $20,000; owner, Michael Harrison, 216 East Forty-eighth St.; architect, Michael Harrison, Jr., 10 Bayard St.

HOUSES.

Baltimore, Md.—Robt. Piggs, 4 two-st'y frame buildings, n w s Hill St., e Druid St.

A. D. Clemens, Jr., 2 two-st'y frame buildings, s s Merryman's La., bet York Rd. and Barclay St.; 2 two-st'y frame buildings, e s 20-ft Alley; and 2 two-st'y frame buildings, w s 20-ft Alley, n Wilson St. and w York Rd.

Jacob H. Aull, 2 two-st'y brick buildings, Falls Rd., beg. s w cor. Fourth St.

Jacob H. Pfister, 2 two-st'y brick buildings and two-st'y brick building, s s Pfister Alley.

Chas. Tyler, 7 two-st'y brick buildings, e s Goodman Alley, bet. Barney and Heath Sts.

John Gensler, three-st'y brick building, n s Pratt St., bet. Payson and Pulaski Sts.

Jos. Ruppert and Theo. W. Fricke, 4 two-st'y brick buildings, s s Dillon St., bet. Benny St. and Harris Alley.

G. C. Hershman, 6 two-st'y brick buildings, e s Port Alley, bet. Lancaster and Aliceanna Sts.

L. G. Rode, Jr., 5 two-st'y brick buildings, e s Cannon St., bet. Eastern and Canton Aves.

E. J. Wilson, 3 three-st'y brick buildings, s e s Mosher St., bet. Foster Alley and John St.

J. E. Cullamore, 6 two-st'y brick buildings, s e Ramsay St. and Norris Alley; 7 two-st'y brick buildings, e s Norris Alley, s Ramsay St.

Boston, Mass.—*Sydney St.*, near Waterlow St., Ward 24, frame dwell., 24′ x 34′; owner, Mrs. M. Squire; builder, D. G. Squire.

Whitman St., near Edson St., Ward 24, frame dwell., 24′ x 36′; owner and builder, J. F. Haddock.

Ocean St., near Ashmont St., Ward 24, frame dwell., 35′ 6″ x 42′; owner, C. N. Mellen.

Pratt St., near Ashford St., Ward 25, three-st'y frame dwell., pitch roof, 20′ 6″ x 33′; owner, J. D. Johnson; builders, F. Perry & Son.

Granville St., near Beech St., Ward 23, two-st'y brick dwell., pitch roof, 28′ x 30′; owner, Louis Kibler; builder, M. Black.

Beacon St., No. 477, Ward 11, four-st'y brick dwell., flat roof, 21′ x 39′; owner, J. F. Page; builder, T. J. Lyons.

Berkeley St., Nos. 57-79, Ward 11, 6 four-st'y brick dwells. and stores, flat roofs, 25′ x 50′; owner, S. R. Baker; builder, T. Hewley.

N St., Nos. 113-115, Ward 14, 2 three-st'y brick dwells., flat roofs, 21′ x 50′; owner and builder, S. H. L. Pierce.

Norfolk St., No. 229, *rear*, Ward 24, frame dwell., 25′ x 35′; owner, E. W. Haines.

Dell St., near Ashmont Pl., Ward 24, frame dwell., 24′ x 36′; owner, I. Stewart; builder, D. Gutrow.

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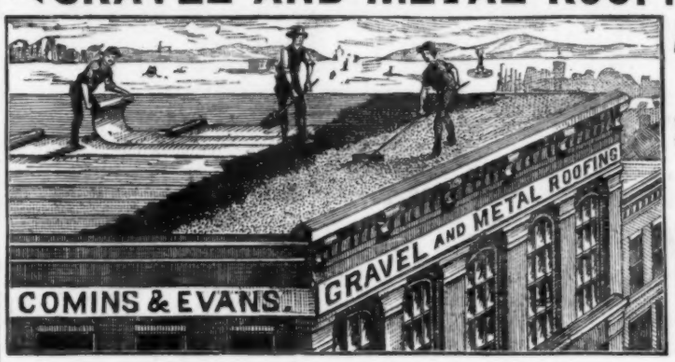

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Surplus over all Liabilities	3,350,778.61

BUILDING INTELLIGENCE.

Unnamed St., from Dorchester Ave., No. 1175, Ward 24, 3 three-st'y frame dwells., flat roofs, 20′ x 30′; owner, Mary Roach; builders, Boyd & Oakes.

Hazlewood St., cor. Townsend St., Ward 21, three-st'y frame dwell., pitch roof, 26′ 10″ x 70′; owner, Mrs. M. W. Anthony; builder, M. W. Allen.

Lawndale Terrace, near Lamartine St., Ward 23, three-st'y frame dwell., pitch roof, 23′ x 35′; owner, R. S. Stubbs; builder, G. A. Cahill.

Houston St., near Carl St., Ward 23, frame dwell., 25′ x 32′; owner, M. S. French; builder, M. E. Gray.

Ottawa St., Nos. 14-16, Ward 21, 2 three-st'y frame dwells., flat roofs, 22′ x 41′; owner, L. L. Conant, builder, W. T. Eaton.

Canterbury St., near Perkins St., Ward 23, frame dwell., 22′ x 35′; owner, E. F. Roach; builder, Wesley Stevens.

Greenough Ave., near Centre St., Ward 23, frame dwell., 37′ x 66′ 4″; owner, S. F. Woodman; builder, H. P. Oakman.

Linden St., near Reedsdale St., Ward 25, frame dwell., 25′ x 30′; owner and builder, D. Baldwin.

Paul Gore St., near Chestnut St., Ward 23, frame dwell., 28′ x 48′ 6″; owner, W. J. Kelly; builder, W. Tobin.

Minden St., near Heath St., Ward 22, three-st'y frame dwell., flat roof, 24′ x 37′ 6″; owner, John Pantle; builder, A. Sonntag.

Cushing Ave., near Sawyer Ave., Ward 24, frame dwell., 29′ 10″ x 33′ 6″; owner, W. D. Jones; builder, F. M. Severance.

Talbot Ave., junc. Westcott St., Ward 24, frame dwell., 23′ x 30′; owner and builder, J. G. Osborne.

Oregon St., No. 14, Ward 22, 2 three-st'y frame dwells., flat roofs, 24′ x 37′; owner and builder, W. McDonald.

Bennington St., near Byron St., Ward 1, three-st'y frame dwell., flat roof, 22′ x 47′; owner, Sarah Fairclough; builder, W. M. Fairclough.

Webster St., Nos. 91-97, Ward 2, 4 three-st'y frame dwells., 22′ x 57′; owner and builder, W. Ritchie.

Haynes St., No. 42, Ward 2, frame dwell., 18′ x 50′; owner and builder, W. Ritchie.

Columbia St., No. 114, Ward 24, frame dwell., 28′ 6″ x 45′ 6″; owner, C. A. Upham; builder, D. Currier.

Chestnut St., near Wyman St., Ward 23, 3 two-st'y frame dwells., pitch roofs, 24′ x 52′ 4″; owner, J. Dugan.

Thomas St., near Brewer St., Ward 23, frame dwell., 22′ x 42′; owner, G. Cattrell; builder, M. H. Fossett.

Codman Park, Nos. 25-27, Ward 21, 2 three-st'y frame dwells., flat roofs, 20′ x 44′; owner, J. Shillidy.

Sawin St., Nos. 74-76, Ward 21, 2 three-st'y frame dwells., flat roofs, 22′ 6″ x 42′; owner, M. Leonard.

Magazine St., Nos. 66-68, Ward 20, 2 three-st'y frame dwells., flat roofs, 31′ x 34′; owner, J. Dolan; builders, Lanning & Son.

Linden St., No. 14, Ward 24, three-st'y frame dwell., flat roof, 24′ x 37′; owner, John Russell; builder, T. Clune.

Dorchester Ave., No. 2187, Ward 24, frame dwell., 24′ x 49′; owner, G. Erhardt; builder, B. Rose.

Riverdale St., near Raymond St., Ward 25, two frame dwells., flat roofs, 19′ x 49′; owner, C. Sigogren; builder, A. Cederburg.

Savin Hill Ave., near Grampian Way, Ward 24, frame dwell., hip roof, 26′ x 36′; owner, Mrs. S. Conlon; builder, W. Peard.

Norfolk St., near Nelson St., Ward 24, frame dwell., 24′ x 33′; owner, E. Brennan; builder, A. J. Brennan.

Pratt St., near Ashford St., Ward 25, three-st'y frame dwell., pitch roof, 20′ 6″ x 33′; owner, J. D. Johnson; builders, F. Perry & Son.

Caldwell St., Nos. 5-9, Ward 4, 3 three-st'y frame dwells., flat roofs, 21′ x 32′ 8″; owner, J. Driscoll; builders, Mahoney & Nichols.

Tuttle Ave., near Hartland St., Ward 24, frame dwell., 23′ x 36′; owner, J. H. Beale; builder, T. L. Barlow.

Grinnell St., near Sarsfield St., Ward 19, 2 three-st'y brick dwells., flat roofs, 18′ x 40′; owner and builder, M. Beatty.

Chestnut Hill, Pa.—*Main St.*, s s, bet. Gravers La. and Highland Ave., two-st'y brick dwell., mansard roof; owner, Martin Hetzel, 45 Church St., Germantown, Pa.

Chicago, Ill.—Dr. Lennard, two-st'y dwell., Vincennes Ave.; cost, $3,000; architect, F. Monahan.

J. Cormack, two-st'y dwell., Cormack St.; cost, $4,800; architect, G. Thomson.

J. B. Walker, two-st'y dwell., Dearborn St.; cost, $10,000; architect, R. Ray.

J. C. Vocht, two-st'y dwell., Hamilton Ave.; cost, $3,500; architect, Ruehl.

H. McGuire, three-st'y dwell., Wabash Ave.; cost, $15,000; architect, J. J. Egan.

Mrs. N. K. Hayes, three-st'y dwell., Ashland Ave.; cost, $7,000; architect, J. Addison.

S. W. Roth, 4 two-st'y dwells., Walnut St.; cost, $10,000; architect, G. Prussing, Jr.

E. S. Isham, 5 four-st'y dwells., Tower Pl.; cost, $45,000; architect, C. M. Palmer.

J. Clare, three-st'y dwell., Wabash Ave.; cost, $10,000; architect, H. P. Harmon.

C. Stenbrecker, 18 dwells., West Huron St.; cost, $27,000.

R. T. Crane, 3 two-st'y dwells., Michigan Ave.; cost, $75,000; architect, C. S. Frost.

Cincinnati, O.—E. C. Gibbs, two-and-one-half-st'y frame dwell., Melrose Ave.; cost, $8,000; architect, W. W. Franklin.

Mrs. M. A. Thilly, two-and-one-half-st'y frame dwell., Bishop St.; cost, $4,500; architects, Reig & Marty.

M. Strobridge, two-st'y frame dwell., Maplewood Ave.; cost, $5,000; architect, Porter Douglas.

G. Stagge, two-and-one-half-st'y brick dwell., Fosdick St.; cost, $4,500; architect, E. G. Reuckert.

Mrs. Sallie Cook, double dwell., Myrtle Ave.; cost, $8,000; architect, A. O. Elzner.

New York, N. Y.—*One Hundred and Forty-sixth St.*, s s, 100′ w St. Nicholas Ave., 10 four-st'y brick, stone and terra-cotta dwells.; cost, $125,000; owner, Hugh M. Reynolds; architect, B. Van Benschoten.

One Hundred and Thirteenth St., n s, 245′ w Fifth Ave., 8 three-st'y dwells.; cost, $96,000; owner, Thos. F. Sharkey; architect, A. Spence.

Fifty-seventh St., n s, 125′ w Sixth Ave., 6 four-st'y brick dwells., tin roofs; cost, $150,000; owner, Edward W. Candee, 260 West Fifty-seventh St.; architects, Thom & Wilson, 1267 Broadway.

Eighty-seventh St., n s, 325′ e Tenth Ave., 6 three-st'y brick dwells., tin roofs; cost, $72,000; owners, Wilson & Tichborn, 1153 Park Ave.; architect, G. A. Schellinger, 128 Broadway.

Eighth Ave., s w cor. Eighty-fourth St., 8 four-st'y brick dwells., tin roofs; cost, $168,000; owner, Chas. H. Lindsley, 195 Lenox Ave.

West Thirty-fourth St., No. 513, four-st'y brick dwell., tin roof; cost, $5,000; owner, Benjamin Fox, 513 West Thirty-fourth St., architect, John Sexton, 1456 Broadway.

One Hundred and Thirteenth St., n s, 245′ w Fourth Ave, 8 three-st'y brick dwells., mansard, tin and slate roofs; cost, $96,000; owner, Thomas F. Sharkey, 4 East One Hundred and Thirty-third St.; architect, Andrew Spence, 2294 Third Ave.

Philadelphia, Pa.—*Green La.*, bet. Manayunk and Dexter Sts., two-st'y stone dwell.; builder, Jno. W. Fitzinger, Gates St., Roxborough, Pa.

Bringhurst St., s s, bet. Wakefield and Mercer Sts., two brick buildings; builder, Wm. J. Gruhler, 46 Herman St., Germantown.

North Sixth St., No. 2513, three-st'y brick dwell.; owner, C. W. Hause, 2523 North Sixth St.

Sixteenth St., s w cor. Carlton St., two-st'y brick dwell.; builders, Harbach & Auchter, Twenty-sixth and Thompson Sts.

Ashmead St., n s, ab. Mercer St., 2 two-st'y dwells.; owner, A. D. Wartman, 48 Mechlin St.

Ashmead St., s s, ab. Mercer St., 2 two-st'y brick dwells.; owner, A. D. Wartman, 48 Mechlin St.

Wilde St., w s, s Venango St., two-st'y brick dwell.; owner, Samuel Morison, 3551 North Fifth St.

Division St., s s, e Thirty-fifth St., two-st'y brick dwell.; owner, Chas. E. Bartle, Thirty-third St. and Lehigh Ave.

Rulon Ave., n s, w Ridge and Manayunk Aves., three-st'y brick dwell.; owner, Charles E. Bartle, Thirty-third St. and Lehigh Ave.

Clearfield St., n s, e Dagman St., two-st'y brick building; owner, Charles E. Bartle, Thirty-third St. and Lehigh Ave.

Nineteenth St., w s, bet. Race and Vine Sts., 2 four-st'y brick dwells.; builders, Arthur H. Williams & Sons, 402 Tenor Pl.

Euston St., n s, e Edgemont St., 4 two-st'y brick dwells.; owner, A. Benner, 3161 Richmond St.

Arizona St., n s, w Twenty-ninth St., 19 two-st'y brick dwells.; owner and builder, Wm. F. Albrecht, 2341 North Twenty-ninth St.

Broad St., n e cor. Moore St., 5 three-st'y dwells.; builder, James E. Conroy, 1709 South Broad St.

Sunnyside Ave., e s, s Thirty-fifth St., three-st'y brick dwell.; contractor, John Lockley, 1934 Garrett St.

McKean St., s s, bet. Fourth and Fifth Sts., 16 two-st'y brick dwells.; builder, John J. Cassidy, 1102 Cammilla St.

Mayfield St., n s, e Third St., 2 three-st'y brick dwells.; builders, H. W. Bower & Son, 258 Indiana Ave.

Frankford Ave., n e cor. Hull St., three-st'y dwell. and store; builder, Charles Booth, 2052 Taylor St.

Six two-st'y and 12 three-st'y brick dwells.; owner, Isaiah C. Gardiner, Thirty-ninth and Broad Sts.

Hope St., e s, n Ontario St., two-st'y four-room brick dwell.; owner, John Pfanstiel, 2155 Philip St.

Clementine St., s s, bet. Kensington Ave. and Jasper St., 25 two-st'y brick buildings; owner, John

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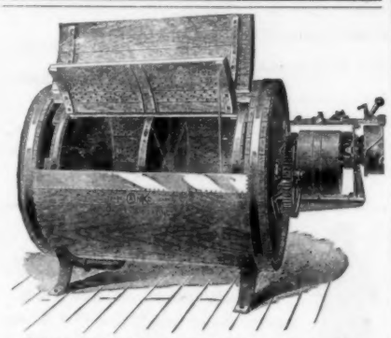

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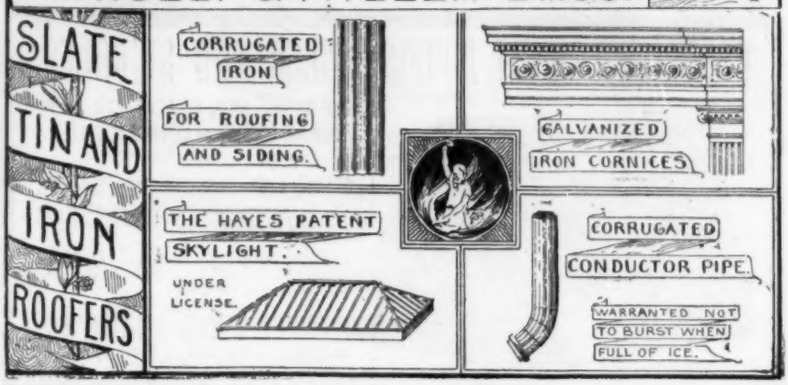

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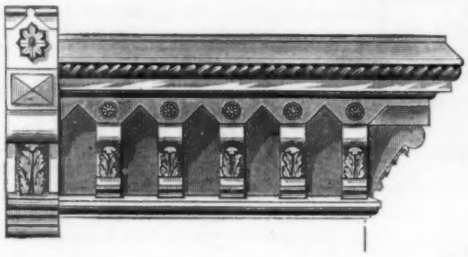

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Cresson St., n s cor. Levering St., 2 three-st'y brick dwells.; owner, Wm. H. Eddleman, 480 Green La., Roxborough, Pa.

McCollin St., n w s, near Allen La., three-st'y and two-st'y dwell.; owner, Robert Christy, Mower St., Mt. Airy, Pa.

Wellington St., No. 1833, two-st'y brick dwell.; owner, Owen Hughes, Jasper and Taylor Sts.

Pechin St., n s, bel. Market St., three-st'y stone dwell.; builder, Sylvester Yardley, 527 East Jefferson St., Roxborough, Pa.

Spruce St., n s, w Eighth St., 8 four-st'y brick dwells.; builder, George L. Harvey, 2119 Fitzwater St.

Vine St., No. 5642, three-st'y brick dwell.; owner, Harry Pettit, 6061 Vine St.

Eighteen brick dwells., 15 on e s Twenty-sixth St., 3 on the s s of Alter St., Ward 30; builder, Jno. McConaghy, 1710 Christian St.

Bevin St., w s, s Lehigh Ave., 5 two-st'y brick dwells.; builder, Charles Fay, 1305 North Fifteenth St.

Belgrade St., e s, s Lehigh Ave., 4 two-st'y brick dwells.; builder, Charles Fay, 1305 North Fifteenth St.

Eighteenth St., w s, s Ferawn St., three dwells., one with store; owner, Wm. M. Fox, 2131 Pine St.

Indiana Ave., s e cor. Rorer St., three-st'y brick dwell.; owner, John McWhiney, on the place.

Butler St., n s, w Sixth St., two-st'y dwell. and store, and 8 two-st'y dwells.; owners, Woelfel & Schwunk, 2644 North Fifth St.

Twenty-second St., e s, s Reed St., 8 two-st'y dwells.; builder, Robert Paul, 2137 Federal St.

Twenty-eighth St. and Highland Ave., four stone dwells., mansard roofs; builder, Wm. E. Mackie, Chestnut Hill, Pa.

Horter St., s s, e Musgrave St., 2 three-st'y brick dwells.; owner, Wm. E. Griffiths, Chew St., opp. Sharpnack St., Germantown, Pa.

Turner St., w s, n Erie Ave., two-st'y brick dwell. with overhanging bath; owner, Mahlon O. Clawges, 4819 Willow St., Frankford, Pa.

Lafayette St., e s, s Green St., 2 two-st'y dwells.; owner, Martin Hetzell, 45 Church St., Germantown, Pa.

Green La., s w s, bet. Salmon and Edgemont Sts., two-st'y frame dwell.; builder, Amos R. Croster, 4535 Salmon St.

Forty-Third St., w s, s Wyalusing Ave., 10 two-st'y brick dwells.; owner, J. H. Virkler.

Otter St., n s, bet. Belmont Ave. and Forty-third St., 11 two-st'y brick dwells.; owner, J. H. Virkler.

Belmont Ave., e s, n Otter St., 9 three-st'y brick dwells.; owner, J. H. Virkler.

Stoeckel St., e s, n Somerset St., 3 two-st'y brick dwells.; owner, Isaac Scales, 2529 North Twenty-third St.

Thompson St., s s, e Division St., 6 two-st'y brick dwells.; owner, J. R. Pyle, 1741 North Twentieth St.

Point Breeze Ave., bel. Reed St., three-st'y brick dwell. and store; owner, Henry L. Hayes, 1511 Point Breeze Ave.

Second St., w s, n Lehigh Ave., 4 two-st'y brick dwells., two on each side; owner, Edward Rowson, 406 East Cambria St.

McClellan St., n s, w Twentieth St., 13 two-st'y dwells.; owner, John A. Bagley, 1513 Federal St.

Washington La., w s, bet. Green and Adams Sts., 2 three-st'y dwells.; builders, Thos. Wright & Son, 7 Harvey St., Germantown, Pa.

Lydia St., n s, bet. Twenty-eighth and Reading R. R., 2 two-st'y brick dwells.; owner, Jno. O. Broadbent, 314 Haines St.

Seventh St., e s, ab. Cambria St., two-st'y brick dwell.; contractor, Chas. E. Myers, 2426 North Eighth St.

East St., s w cor. Terrace St., three-st'y stone dwell.; owner, James F. Peasgood, 567 James Ave.

Penn St., w s, s Foulkrod St., 2 three-st'y brick dwells.; owner, Delia H. Cook, 4833 Penn St.

Paul St., w s, n Green St., two-st'y brick dwell.; owner, E. H. Atkinson, 4625 Leiper St.

Amber St., No. 2026, three-st'y brick dwell.; owner, Geo. T. Graff, 2016 Dreer St.

Race St., n s, ab. Sixty-third-and-one-half Ave., 2 two-st'y brick dwells.; owner, Chas. Buckwater, 415 North Sixty-third St.

Baltimore Ave., n s, w Thirty-ninth St., 4 three-st'y dwells. and three stores; builder, John Duncan, 905 Change St.

Cherry St., e s, bel. Foulkrod St., four brick dwells. with frame back buildings; owner, Wilson Milnor, s w cor. Penn and Allen Sts., Frankford, Pa.

Chestnut St., s s, w Fifty-fourth St., five brick dwells.; contractor, George Wilkinson, Fifty-sixth and Locust Sts.

North Fifth St., No. 2914, three-st'y brick dwell.; owners, Stewart Bros., 2527 North Fifth St.

Alleghany Ave., n s, bet. Frankford Ave. and Emerald St., three-st'y brick dwells.; owner, J. W. Wilbraham, Frankford Ave., w Cumberland St.

Clearfield St., n s, w Frankford Ave., two-st'y brick dwell.; builder, Howard S. Richards, 1512 East Susquehanna Ave.

Park Terrace, w Twenty-seventh St., 22 two-st'y dwells., 11 on the n s and 11 on the s s; builder, Robt. Scott, 2316 Fairmount Ave.

Frankford Ave., e s Oxford St., 2 three-st'y stores and dwells.; architect, Frank R. Watson, 518 Walnut St.

Thirtieth St. and Hartzell Ave., three-st'y stone dwell.; owner, G. W. Erringer, 1 South Thirteenth St.

Hope St., e s, ab. Lehigh Ave., 10 two-st'y brick dwells.; owner, Thos. Auld, 1944 Hamilton St.

Rorer St., No. 3009, two-st'y brick dwell.; owner, Wm. Mayer at place.

Sixth St., e s, bel. Somerset St., three-st'y brick dwell.; owner, Charles Lamont, 2732 Darien St.

Walnut St., n s, e Hancock St., 4 three-st'y brick and stone dwells.; owner, Wm. Garvin, 5008 Adams St., Germantown, Pa.

Somerville, Mass.—*Williams St.*, cor. Bellingham St., double frame dwell., 24′ x 51′; owner and builder, Willard Merrow.

Sanborn Ave., two frame dwells., 29′ x 34′; owner, Mrs. R. H. Sturtevant; builder, Geo. M. Coan.

Greenville St., two frame dwells., 29′ x 34′; owner, Louville V. Niles; builder, Geo. M. Coan.

Beacon St., block of three-st'y frame dwells., 57′ x 60′; owner, Frederick Brupbacher; builder, W. G. Douglass.

Concord Ave., near Prospect St., block of two frame dwells., 34′ x 48′; owner, Robert McGuinness and John A. McMenimen; builder, Robt. H. Oliver.

Cross St., cor. Allston St., frame dwell. and store, 30′ x 50′; owner, Alex. M. Higgins.

Stickney Ave., frame dwell., 24′ x 30′, with L, 17′ x 18′; owner and builder, John K. Ricker.

Evergreen Ave., No. 11, frame dwell., 25′ x 51′; owner, Lorenzo D. Field; builder, Thos. F. Farrington.

Sewall St., frame dwell., 25′ 6″ x 25′ 6″; owner, Ernest Snowman; builder, S. F. Wilkinson.

School St., frame dwell., 24′ x 30′; owner, Mr. Robinson; builder, Daniel E. Robbins.

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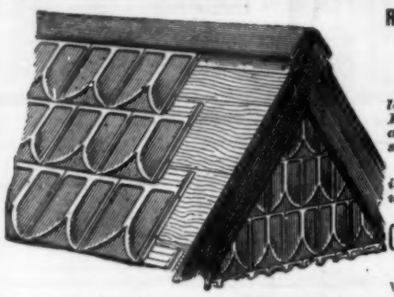

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Washington St., frame dwell., 24′ x 50′; owner, Geo. W. Lake; builder, G. W. Ryan.

Berkeley St., frame dwell., 28′ x 46′; owners, L. B. & J. S. Rich; builder, Jesse S. Rich.

Sewall St., frame dwell., 25′ 6″ x 25′ 6″; owner, S. C. Dexter; builder, S. F. Wilkinson.

Elm St., frame dwell., 26′ x 36′; owner, Oliver H. Perry; builders, J. Sewell & Co.

Washington St., frame dwell., 22′ x 28′, with L, 18′ x 19′; owner, G. W. Lake; builder, J. Tilton.

Carleton St., frame dwell., 22′ x 28′, with L, 18′ x 19′; owner, G. W. Lake; builder, J. Tilton.

Summer St., frame dwell., 23′ x 47′; owner, Fred I. Walker; builders, Gillis Bros.

Belmont Pl., frame dwell., 24′ x 30′, with L, 9′ x 12′; owner, Katie A. Grover; builder, D. D. Fish.

Joy St., frame dwell., 20′ x 26′ 6″, with L, 13′ x 16′; owner, Mrs. N. A. Carleton; builder, W. H. Carleton.

St. Louis, Mo.—Two-st'y brick dwell.; cost, $4,500; owner, Mary L. O'Dell; architect, L. C. Miller; contractors, T. H. Gray & Bro.

Five adjacent two-st'y brick dwells.; cost, $10,600; owner, P. A. Casey; architect, G. W. Reid; contractors, Kelly & Lawton.

Three adjacent three-st'y brick dwells.; cost, $17,000; owner and contractor, L. H. Hoffmann; architect, I. S. Taylor.

Two-st'y brick dwell.; cost, $3,000; owner, Anna Struetka; contractor, H. Ellermann.

Two-st'y brick dwell.; cost, $3,500; owner and contractor, H. Ratermann.

Three-st'y brick dwell.; cost, $3,500; owner, G. T. Riddle; architect, W. A. Swasey; contractors, Goesse & Remmers.

Two-st'y brick dwell.; cost, $4,800; owner, Wm. P. Terczek; contractor, W. C. Popp.

Two-st'y brick dwell.; cost, $4,500; owner, J. A. Brunner; contractor, W. C. Popp.

Two-st'y brick dwell.; cost, $6,000; owner, A. Anderson; architect, A. M. Baker; contractor, A. Bauer.

Two two-st'y brick dwells.; cost, each, $5,500; owner, H. Bischoff; contractor, C. H. Poertner.

Two-st'y brick dwell.; cost, $7,500; owner, Dr. J. A. Ruga; architect, O. J. Wilhelme; contractor, A. H. Haessler.

Three-st'y brick dwell.; cost, $5,000; owner, Marie Bauer; contractor, H. H. Schumaker.

Two-st'y brick dwell., e s Peck St., bet. Kossuth and Lee Aves.; cost, $2,500; owner, Henry Pettes; contractors, J. B. Labarge & Co.

Two-st'y brick dwell.; cost, $3,000; owner, W. E. Ingalls; contractors, Jacobs & Rosen.

Two-st'y and mansard brick dwell.; cost, $5,000; owner, Chas. W. M. Farland; architect, A. M. Baker; contractor, H. W. Boone.

Two-st'y brick dwell.; cost, $6,000; owner, S. P. Pollack; architect, E. C. Janssen; contractor, C. Wehking.

Two-st'y brick dwell.; cost, $3,500; owner, T. Manning; contractor, M. Britt.

Two adjacent two-st'y brick dwells.; cost, $5,000; owner and contractor, J. J. McMahon.

Three-st'y brick dwell.; cost, $20,000; owner, Wm. J. Lemp; architect, E. C. Janssen; contractor, B. Weber.

Two-st'y brick dwell.; cost, $3,800; owner, F. J. Leber; contractor, H. B. Schultz.

Two-st'y and mansard brick dwell.; cost, $5,300; owner, C. B. Beck; architects, J. B. Legg & Co.; contractors, F. H. Busey & Co.

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Two-st'y brick dwell.; cost, $3,415; owner, Mrs. E. Holten; contractor, Thos. Roach.

One-sty brick dwell.; cost, $2,800; owner, C. Kemp; contractor, Franz Mueller.

Three-st'y brick dwell.; cost, $4,200; owner, Anton Vogt; contractor, F. Mueller.

Three-st'y brick dwell.; cost, $11,000; owner, Wm. E. Winter; architect, J. B. Legg; contractor, A. E. Cook.

One-st'y brick dwell.; cost, $4,000; owner, Thos. Smith; contractor, F. Booth.

Two-st'y frame dwell.; cost, $3,000; owner, A. F. Stevens; contractor, J. A. Beach.

Two-st'y brick dwell.; cost, $3,000; owner, Jno. M. Williams.

Two-st'y brick dwell.; cost, $4,500; owner, Louis L. Salveter; architect, J. B. Legg; contractor, S. L. Jones.

Two-st'y brick dwell.; cost, $3,000; owner, Thos. Meehan; contractor, C. C. Meehan.

OFFICE-BUILDINGS.

Chicago, Ill.—C. C. Heissen, twelve-st'y office-building, Dearborn St.; cost, $100,000; architects, J. M. Van Osdel & Co.

C. C. Heissen, nine and sixteen st'y office-building, Dearborn St.; cost, $650,000; architect, W. L. B. Jenney.

O. F. Aldis, sixteen-st'y office-building, Dearborn St.; cost, $600,000; architects, Burnham & Root.

Minneapolis, Minn.—New York Life Insurance Co., ten-st'y office-building, Second Ave., s, and Fifth St.; cost, $100,000; architects, Babb, Cook & Willard; builders, Hennessy Bros.

SCHOOL-HOUSES.

Chicago, Ill.—Board of Education, three-st'y school-house, Sheffield Ave.; cost, $60,000; architects, Furst & Rudolph; four-st'y school-house, Wood St.; cost, $55,000; architect, C. Rudolph.

Cincinnati, O.—C. T. Dickson, one and two st'y frame school-house, Morris St.; cost, $3,500; architect, S. W. Rogers.

Minneapolis, Minn.—Board of Education, brick school-house, Fifth Ave., s, and Sixteenth St.; cost, $30,000; architect, W. S. Pardee.

Philadelphia, Pa.—*Twenty-third St.*, s e cor. Federal St., two-st'y public school-building, mansard roof; builder, Chas. McCaul, 20 North Eleventh St.

Ridge Ave. and Martin St., public school-building; builder, Chas. McCaul, 20 North Eleventh St.

STABLES.

Boston, Mass.—*Monadnock St., No.* 29, rear, Ward 20, one-st'y frame stable, pitch roof, 27′ 6″ x 37′; owner, Adam Jones; builder, John Bass.

Day St., rear, near Minden St., Ward 22, one-st'y frame stable, pitch roof, 25′ x 35′; owner and builder, Gottlieb Merz.

Gladstone St., rear, near Breed St., Ward 1, two-st'y frame stable, 24′ x 30′; owner, C. E. Bennison.

New York, N. Y.—*West Third St., Nos.* 122-128, four-st'y brick stable, tin roof; cost, $45,000; owner, Christina S. Wylie, Morristown, N. J.; architect, Benjamin E. Lowe, 64 College Pl.

Philadelphia, Pa.—*Delhi St.*, n w cor. Diamond St., two-st'y stable; builder, Charles Okrvenglourz, 423 Brown St.

Twentieth St., e s, s Tioga St., brick stable; owner, A. S. Branan, Jr., Twenty-eighth and Tioga Sts.

Master St., No. 5113, one-st'y brick stable; owner, Samuel B. Turner, 5113 Master St.

Ludlow St., ab. Thirty-seventh St., two-st'y brick stable; builder, T. Gorham, 3870 Lancaster Ave.

Somerville, Mass.—*Pearl St., No.* 119, frame stable, 16′ x 20′; owner, Mr. Mallett; builder, Wiston O. Francis.

STORES.

Chicago, Ill.—C. F. Aldis, eleven-st'y store and factory, Dearborn St.; cost, $125,000; architects, Holabird & Roche.

Cincinnati, O.—John Miller, three-and-one-half-st'y double brick store and flats, Hamilton Pike; cost, $12,000; architect, Chas. Diss.

Minneapolis, Minn.—A. Kamblaugh & Sons, brick store, Washington Ave., s, bet. First and Second Sts.; cost, $8,000.

John Pennock, brick store, Eighteenth Ave., n e, bet. Tyler and Harrison Aves.; cost, $3,500.

Peter Lemman, owner and architect, brick store and flat, 221–225 Cedar Ave.; cost, $20,000.

New York, N. Y.—*Franklin St., No.* 175, six-st'y brick store-building, tin roof; cost, $10,000; owner, S. Charles Welsh, 111 East Fifty-seventh St.; architect, M. V. B. Ferdon, 272 West Thirty-fourth St.

Cortlandt St., No. 69, five-st'y brick store-building, tin roof; cost, $20,000; owner, Wm. M. Martin, 44 West Fortieth St.; architect, Oswald Wirz, 436 East Eighty-eighth St.

Philadelphia, Pa.—*North Seventeenth St., No.* 2021, one-st'y store; builders, W. W. Binder & Son, 1909 Columbia Ave.

Somerville, Mass.—*Medford St.*, near School St., frame store, 20′ x 30′; owner, Annie L. Fletcher; builder, Walter S. Gore.

St. Louis, Mo.—Three-st'y brick store and flat; cost, $4,000; owner and contractor, C. E. Sanner; architect, A. Beinke.

Two-st'y brick store and rooms; cost, $3,650; owner, L. P. Ampelmann; contractors, Thomson & Mertz.

Five-st'y brick store; cost, $100,000; owner, E. J. Gay; architect, I. S. Taylor; contractor, J. L. Guedry.

TENEMENT-HOUSES.

Minneapolis, Minn.—L. Stafford, brick tenement, Third Ave., s, bet. Seventh and Eighth Sts.; cost, $6,500.

J. Kiesl, brick tenement, Sixth Ave., n, and Lyndale Ave.; cost, $15,000.

W. L. Harris, brick tenement, 1916 Kennard Boulevard; cost, $1,000.

W. S. Hughes, brick tenement, Third Ave., s, bet. Twenty-sixth and Twenty-seventh Sts.; cost, $9,000.

Kate F. Knight, frame tenement, Twenty-fifth St. and First Ave., s; cost, $18,000; architect, F. A. Clarke.

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John Burns, frame tenement, 2609-2615 Sixteenth Ave., s; cost, $4,000.

C. F. Sawyer, brick tenement, 301-309 Aldrich Ave.; cost, $15,000.

New York, N. Y.—*Sixth St.*, n s, 250' e Avenue D, four-st'y brick tenement, tin roof; cost, $16,000; owner, Jacob Goldberg, 746 East Fifth St.; architect, Franklin Baylies, 52½ Bible House.

West Thirty-fifth St., No. 443, five-st'y brick tenement, tin roof; cost, $10,000; owner, Alexander Moore, 516 West Thirty-fifth St.; architect, George Keister, 55 West Thirty-third St.

Forty-sixth St., s s, 200' e Eleventh Ave., 3 five-st'y brick tenements, tin roofs; cost, $24,000; owner, George Hurst, 156 West Fifty-fourth St.; architects, D. & J. Jardine, 1262 Broadway.

St. Louis, Mo.—Two-st'y brick tenement; cost, $3,-900; owner, H. Brideck; contractors, W. Herkenhoff & Bro.

Two-st'y and mansard brick tenement; cost, $2,-700; owner, P. Streebler; contractor, A. Dietz.

THEATRES.

St. Louis, Mo.—One-st'y frame summer theatre; cost, $8,000; owner, J. M. Schneider; sub-let.

WAREHOUSES.

Baltimore, Md.—F. W. Felgner, five-st'y brick warehouse, w s Charles St., bet. Pratt and Camden Sts.

Minneapolis, Minn.—B. Hunt, brick warehouse, 212-214 First St., n; cost, $25,000.

St. Louis, Mo.—Three-st'y brick warehouse; cost, $50,000; owners, Meyer Bros. Drug. Co.; architect, I. S. Taylor; contractor, B. Weber.

Two-st'y brick warehouse; cost, $8,000; owners, Anheuser-Busch Brew. Co.; architects, E. Jungenfeld & Co.

MISCELLANEOUS.

Boston, Mass.—*Knapp St., Nos.* 9-21, Ward 10, six-st'y brick mercantile building, flat roof, 46' 3" x 72' 5"; owner, A. G. Weeks; builders, Norcross Bros.

Harrison Ave., Nos. 1175-1177, Ward 20, three-st'y brick store-rooms, pitch roof, 59' 6" x 88'; owner, F. A. Brooks; builder, G. W. Hayford.

Codman St., nearly opp. Carruth St., Ward 24, four frame greenhouses and head-house; owner, W. Hannan; builder, H. J. McNabb.

Chicago, Ill.—Bonney Bros., two-st'y club-house, Lawndale Ave.; cost, $12,000; architect, C. H. McAffee.

Cincinnati, O.—Cincinnati Fire Department, engine-house, Warsaw Pike; cost, $14,000; architect, Chas. Fox.

Minneapolis, Minn.—S. G. Cook & Co., foundation for office, Hennipin Ave., bet. Third and Fourth St.; cost, $10,000; architects, Young & Kees.

F. E. Sprague, elevators in block, First Ave., s, and Fifth St.; cost, $4,000.

New York, N. Y.—*Eighty-ninth to Ninetieth St., Avenue A and East River*, three-st'y brick building for dormitory and laundry for House of Good Shepherd, mansard, slate and tin roof; cost, $50,-000; owner, House of Good Shepherd, Sister Mary Loretto, Ninetieth St. and East River; architects, Wm. Schickle & Co., 346 Broadway.

Philadelphia, Pa.—*Pechin St.*, w s, ab. Green St., two-st'y stone storehouse; owner, James Worshop, 375 Lyceum Ave., Roxborough.

Columbia Ave., No. 1811, rear, two-st'y brick building; owners, Guarantee Land and Improvement Co., 874 Field St.

Thirty-ninth and Spring Garden Sts., two-st'y brick blacksmith-shop; builder, Frank H. Vodges, 3907 Aspen St.

Ridge Ave., ab. Huntingdon St., street-car depot, with boiler-house attached, for Lehigh Avenue R. R. Co.; office, 330 Walnut St.

Market St., No. 3919, two-st'y brick wash-house; owner, Eli Kindig, 3919 Market St.

Trenton Ave., Nos. 2209-2211, one-st'y brick building and boiler-house; owner, Robert Beatty, 2314 East Dauphin St.

North Fifteenth St., No. 811, two-st'y brick back building; owner, Frank Shuster, 812 Noble St.

Cherry St., No. 612, brick boiler-house; owner, Samuel Morrison, 1320 North Nineteenth St.

Jefferson St., No. 1109, three-st'y back building and new front; owner, Isaac Martin, 1109 Jefferson St.

Christian St., No. 1347, two-st'y brick back building; builders, Duross & Welsh, 758 South Broad St.

St. Louis, Mo.—Two-st'y brick foundry; cost, $10,-000; owners, St. Louis Iron Machine Works; contractors, Klute & Hillebrand.

Grain elevator; cost, $21,000; owners, J. W. Kaufman Milling Co.; architects, J. W. Stewart & Co.; sub-let.

Three-st'y brick dancing academy; cost, $10,000; owner, J. Mahler; architect, A. F. Rosenheim; contractor, B. Weber.

Two-st'y brick power-house; cost, $5,000; owner, J. H. Maxon; architect, I. S. Taylor; contractor, F. H. Green.

PROPOSALS.

June 13, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 8th day of July, 1889, for the improvement and repairs to the approaches of the Court-House, etc., building at Lincoln, Neb., in accordance with the drawing and specification, copies of which may be had on application to this office and the office of the Custodian. Copies of the drawing and specification may also be seen at Mechanics' Exchange, St. Louis, Mo.; Builders' Exchange, Cincinnati, O. Each bid must be accompanied by a certified check for $100. JAMES H. WINDRIM, Supervising Architect.
704

June 17, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 8th day of July, 1889, for supplying and delivering at freight depot at place of destination, the Post-Office lock-boxes, lock-drawers, locks, pulls, plates, etc., for the United States public buildings as may be ordered during the fiscal year ending June 30, 1890. Copies of the specification and any additional information may be had on application at this office. Each bid must be accompanied by a certified check for $100. JAMES H. WINDRIM, Supervising Architect.
704

June 17, 1889. Sealed proposals will be received at the office of the Supervising Architect, Treasury Department, Washington, D. C., until 2 o'clock P. M., on the 10th day of July, 1889, for constructing and putting in place complete the Post-Office screen required for the United States Post-Office building at Ottumwa, Iowa, in accordance with the drawings and specification, copies of which may be obtained on application at this office and the office of the Superintendent. The drawings and specification may be seen at the Builders' and Traders' Exchange at Chicago, Ill. Bids must be accompanied by a certified check for $100. JAMES H. WINDRIM, Supervising Architect.
704

PROPOSALS FOR CUT-GRANITE. Office to Building for Library of Congress, 145 E. Capitol Street, Washington, D. C., May 25, 1889. Sealed proposals for furnishing and delivering all of the cut-granite required for the front walls, including the dome of the rotunda for the Building of the Library of Congress, in this city, will be received at this office until 2 o'clock P. M. on Saturday, the 29th day of June, 1889, and opened immediately thereafter in presence of bidders. The granite must be of light bluish-gray color and fine grain. Specifications, general instructions and conditions, and blank forms of proposal may be obtained on application at this office. BERNARD R. GREEN, Superintendent and Engineer. 704

CISTERNS.

[At New York, N. Y.]
DEPOT QUARTERMASTER'S OFFICE,
DAVID'S ISLAND, N. Y., May 25, 1889.

Sealed proposals, in triplicate, will be received at this office **until Thursday, June 27, 1889, 12 o'clock, noon,** and then opened in presence of attending bidders, for three brick cisterns, at David's Island.

All information furnished on application.

The right is reserved to reject any or all bids and to waive defects.

Mark proposals, "Proposals for Brick Cisterns," and address GEO. H. COOK,
Capt. and A. Q. M., U. S. A., Depot Quartermaster.
704

PLUMBING.

[At New York, N. Y.]
DEPOT QUARTERMASTER'S OFFICE,
DAVID'S ISLAND, N. Y., May 25, 1889.

Sealed proposals, in triplicate, will be received **until Friday, June 28, 1889, 12 o'clock, noon,** and then opened in presence of attending bidders, for plumbing work in new barracks at David's Island.

All information furnished on application.

The right is reserved to reject any or all bids and to waive defects.

Mark proposals "Proposals for Plumbing," and address GEO. H. COOK,
Capt. and A. Q. M., U. S. A., Depot Quartermaster.
704

LIGHTING APPARATUS.

[At New York, N. Y.]
DEPOT QUARTERMASTER'S OFFICE,
DAVID'S ISLAND, N. Y., May 25, 1889.

Sealed proposals, in triplicate, will be received **until Wednesday, June 26, 1889, 12 o'clock, noon,** and opened immediately thereafter, in presence of attending bidders, for lighting new barracks by carburetted air-gas, at David's Island, N. Y.

Specifications and blank forms furnished on application.

The right is reserved to reject any or all proposals and to waive defects.

Indorse proposals, "Proposals for Lighting Apparatus," and address GEO. H. COOK,
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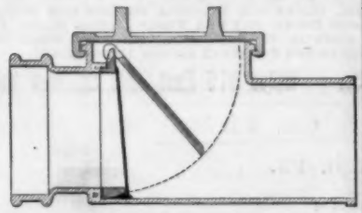

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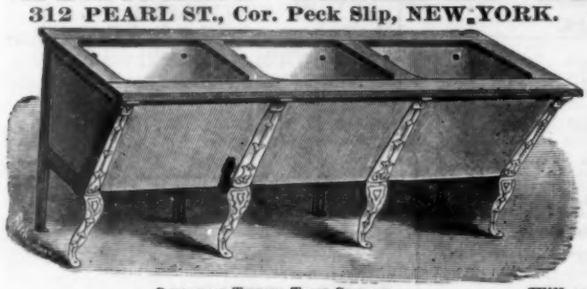

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The only Perfect Sanitary Tubs now in Existence.

VERY STRONG.

No seams to open. Absolute cleanliness secured for all time.

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Will not absorb, leak or decay.

The only Solid White Crockery Wash-tub ever made in the world. Do not buy imitations until you see the genuine "Morahan's Patent," stamped on the front of every tub. Wash-board and Soap-cup moulded n every set. Will outlast any house.

Solid White Crockery Sinks, Comprising Butler's Pantry, Kitchen, Slop, etc.,

Made of same material as the tubs. Very strong, well glazed, no labor required to keep clean.

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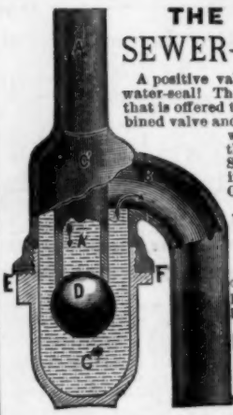

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USE ONLY POWELL'S NEW IMPROVED METAL CORED RUBBER STOPPERS.

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PRICES REDUCED FULLY 50 PER CENT.

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NO BRASS STUD TO BE PULLED OUT OF THE RUBBER. WONT INJURE THE MOST FRAGILE EARTHEN BASIN CANT BE FLOATED OUT OF ITS SOCKET.

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Never Warp and Never Leak.

Made in One Solid Piece. Cheaper than Wood. More Durable than Iron.

Send for Illustrated Circular and Price List Special Terms to Architects and Builders specifying our Goods.

We have the largest capacity for the manufacture of these wares. No stone tubs are of such hard quality or made so perfectly.

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THE MANSFIELD COMPRESSED LEAD TRAP.

SAFEST IN ACTION.

CHEAPEST IN ECONOMY.

Requires no Ventilation.

Express prepaid.

This style of trap is endorsed by *Architects* and *Physicians* generally, as the safest in the market to prevent *Sewer Gas* from entering the house. It also has no mechanical devices to get out of order, which is a very important point.

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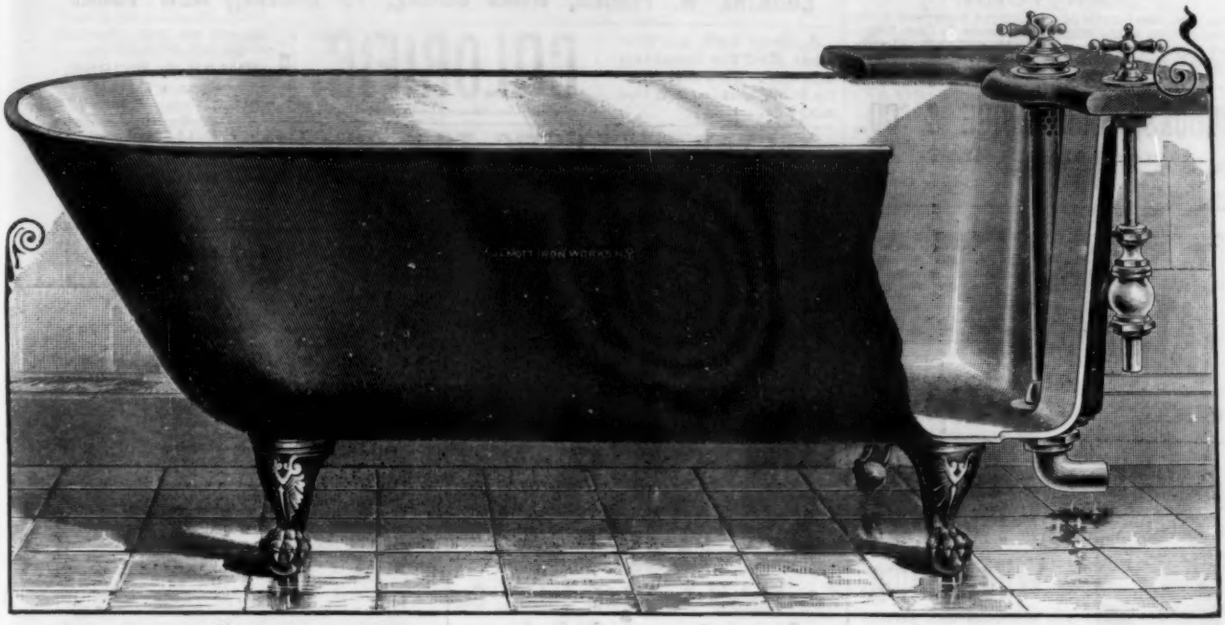

PLATE 819—G.

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To those who prefer a Standing Waste in the Bath, the "Nonpareil" should commend itself in every way. It is simple, cleanly, durable and handsome to look at—in short, whatever is meritorious in this form of waste, we claim for the "Nonpareil." The illustration shows the Stand-pipe seated. To empty the Bath, the Stand-pipe is raised and given a slight turn to the right or left; a further turn will permit the Stand-pipe to be taken out and cleaned. In the above Bath the water enters near the bottom, without noise or steam.

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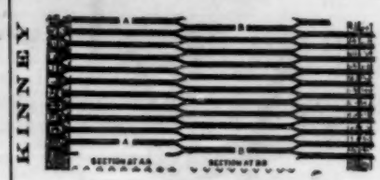

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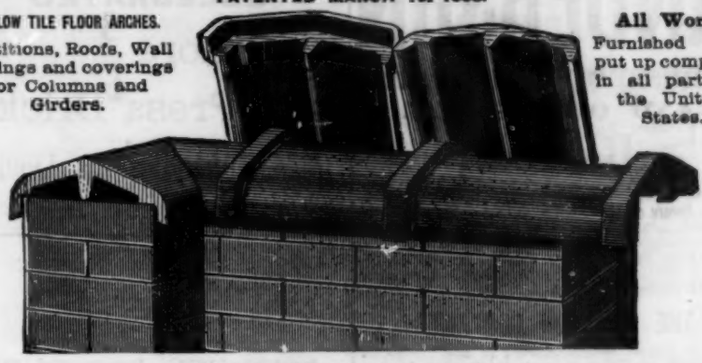

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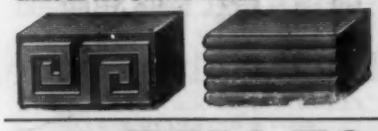

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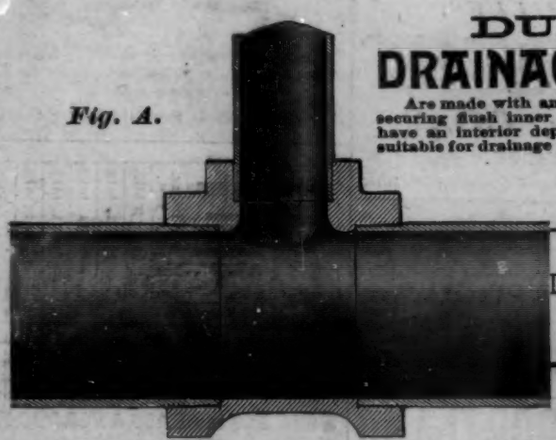

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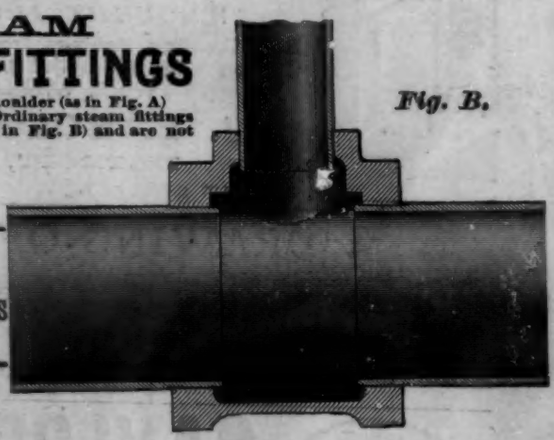

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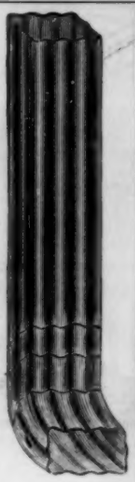

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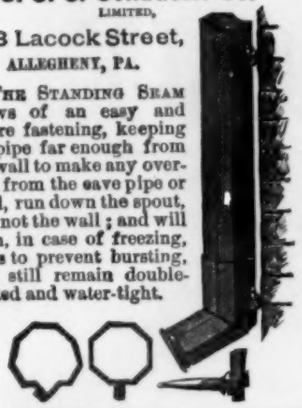

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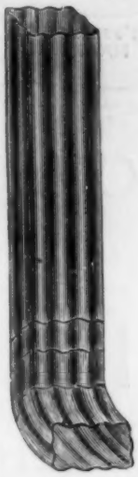

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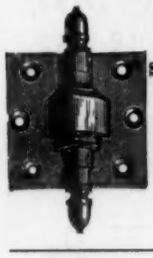

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The most useful invention for Window Sashes ever put on the market. Every window requires them.
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[*NOTE.*—To the best of our belief the experts named in this list are in position to give unbiassed advice.]

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LUMBER.—₱ M.				
Boards: (*Ordinary dimensions.*)				
Pine, 1st quality, clear	65 00 @ 75 00	50 00 @ 60 00	47 00 @ 48 00	55 00 @ 60 00
" 2d quality	55 00 @ 60 00	42 00 @ 50 00	43 00 @ 45 00	40 00 @ 50 50
" 3d quality	18 00 @ 22 00	35 00 @ 40 00	39 00 @ 41 00	15 00 @ 30 00
Spruce	@ 25 00	12 00 @ 25 00	*Not sold.*	20 00 @ 22 00
Hemlock	on 13½ @ 14	13 00 @ 15 00	@ 11 00	12 00 @ 15 00
Yellow pine	20 @ 40	25 00 @ 35 00	@ 21 00	@ 23 00
Cypress	@	32 00 @ 40 00	@	40 00 @ 45 00
Clapboards:				
Pine	@	33 00 @ 55 00	10 00 @ 22 00	20 00 @ 35 00
Spruce	@	20 00 @ 45 00	*Not sold.*	*Not Sold.*
Framing Timber:				
Pine			14 00 @ 15 00	25 00 @ 30 00
Spruce	14 00 @ 18 00	15 00 @ 18 00	*Not sold.*	16 00 @ 20 00
Hemlock	12 00 @ 16 00	12 50 @ 15 00	*Not Sold.*	11 00 @ 14 00
Yellow pine	18 00 @ 21 00	24 00 @ 35 00		20 00 @ 25 00
Laths:				
Pine	@	2 25 @ 2 35	@ 2 20	@ 3 50
Spruce	2 15 @ 2 25	2 25 @ 2 50	*Not sold.*	@ 2 25
Shingles:				
Pine, shaved ₱ M	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed "	4 00 @ 5 00	@ 4 50	2 35 @ 2 60	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood ₱ 125	1 40 @ 1 60	3 75 @ 4 00	6 50 @ 8 00	(30" $35 @ 40
Cedar, split ₱ M	@	@	*Not sold.*	24" 8 @ 21
Cedar, sawed "	@	2 00 @ 4 00	2 20 @ 2 45	(20" 35 @ 14
Cypress. Split....7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 75 @ 4 25	11 00 @ 14 00
Miscellaneous:				
Piles ₱ ft.	4½ @ 5½	Piles 6c. ₱ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	4 @ 1 25
Chestnut "	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: ₱ M. (*First Qual.*)				
Ash [*Kiln dried.*]	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	45 00
Cherry	80 00 @120 00	65 00 @ 120 00	80 00 @ 110 00	75 00 @ 80 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 5500	70 00 @ 80 00
Hard-pine floors (rift)		48 00 @ 50 00		
Mahogany, Baywood [Mexican]	@180 00	150 00 @ 160 00	150 00 @ 180 00	150 00 @ 250 00
" St. Domingo	@350 00	120 00 @ 250 00	220 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	25 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	35 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 80 00	45 00 @ 60 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 45 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	45 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ₱ ℔	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		30 00 @ 32 00		
Walnut, black	125 00 @150 00	85 00 @ 120 00	80 00 @ 110 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	30 00 @ 32 00	25 00 @ 40 00
Yellow pine ₱ M	@ 45 00	40 00 @ 42 00	30 00 @ 35 50	27 50 @ 45 00

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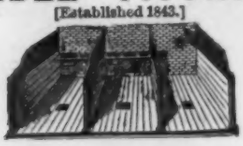

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BUILDING MATERIALS.

Reported for the American Architect and Building News.

BRICK.—₱ M.	New York. (Wholesale Prices.)	Boston. (Prices to Builders and Contractors.)	Chicago.	Philadelphia.
Common: *Cargo afloat.*				
Pale	3 25 @ 3 75	Eastern 8 50 @ 9 00	Building Brick @ 6 50	Sq. Hard @ 12 00
Jersey	4 50 @ 5 00	Bay State Hard 9 00		" @ 9 00
Long Island	@	Domestic Com. 9 50 @ 10 00	Indiana Pressed	Salmon 6 50
Up River	5 50 @ 6 00	Domestic Face 20 00 @ 22 00	St. Louis Fronts @ 27 00	Sq. " @ 8 50
Haverstraw Bay 2nd	6 00 @ 6 25	Philadelphia 40 00 @ 45 00		Light Stretchers @ 12 00
" 1st	6 25 @ 6 50	Phila. mould 50 00 @ 80 00		Medium " @ 14 00
Hollow	@ 13 00			Red " @ 15 00
Fronts		Anderson 14 00 @ 32 00	15 00 @ 27 00	Dark " @ 15 00
Croton, Brown	14 00 @ 15 00		65 00 @ 350 00	Pressed 20 00 @ 23 00
" dark	15 00 @ 16 00		@ 55 00	Best Paving @ 16 00
" red	15 00 @ 16 00		45 00 @ 50 00	Second " @ 14 00
Chicago pressed (Anderson)			45 00 @	Third " @ 13 00
Chicago Moulded			25 00 @	
Baltimore	37 00 @ 41 00		60 00 @ 100 00	Dom. @ 65 @ 85
Philadelphia	@ 22 00		30 @	
Trenton	@ 22 00		35 @	
Milwaukee			55 00 @ 65 00	
Moulded:				
Glens Falls Red Pressed	@ 37 00		@ 100 00	
" " Buff "	@ 30 00		@ 120 00	
" " Moulded Red & Buff	45 00 @ 70 00			
Enamelled: *Imp.*				
Enamelled (edge.)	85 00 @ 100 00			
Enamelled (edge and end)	90 00 @ 115 00			
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	95 @ 1 10	95 @ 1 40	*Not Sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co 2 60 @ 3 00	1 05 @ 1 30	S & S.E. 275 @ 300
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 60 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 80 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" (Burham)	2 50 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 50 @ 2 75
" (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	3 00 @ 3 25	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	2 80 @ 3 15	2 50 @ 2 75
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	2 80 @ 3 15	Josson
" " (Lagerdofer)		2 55 @ 3 00	2 75 @ 3 00	2 50 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	2 85 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not Sold.*	2 75 @ 3 00
" " Stettin, (Anchor)	2 35 @ 2 85		*Not Sold.*	
" American (Saylor's)	2 15 @ 2 45	2 15 @ 2 50	2 75 @ 3 00	2 50 @ 2 75
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	7 00 @ 7 50	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	11 00 @ 12 00	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30 ₱ bush
Chicago Lime in bulk		St. John 1 00	55 @	White Mass
Wisconsin "			60 @	1 25 @ 150
Rockland and Rockport, (Com.)	@ 1 00	@ 1 05	*Not sold.*	1 60 @ 1 00
Rockland and Rockport, finish	@ 1 20	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	
State, finishing "	@ 1 10	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined.)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	*Not sold.*
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 30 @ 2 25
Hair (Cattle) ₱ bush	18 @ 21	25 @ 30	20 @ 25	1 75 @ 2 00
" (Goat)	25 @ 28	@ 30	30 @ 35	20 @ 25
Sand, ₱ load	1 00 @ 1 25	1 75 @ 1 90	@ 60	30 @ 35
STONE. (₱ *cubic foot, rough.*)				@ 1 50
Granite: (*Maine*)		@ 60		
Limestone:	45 @ 1 25	95 @ 1 00	50 @	55 @ 65
Bedford	@ 1 00		35 @ 55	75 @ 90
Joliet			35 @ 60	Richmond
Lemont			@ 1 00	75 @ 1 85
Serpentine				4 50 ₱ Perch

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BUILDING MATERIALS.

(*Wholesale Prices.*) (*Prices to Builders and Contractors.*

	New York.	Boston.	Chicago.	Philadelphia.
Mortar Colors.				
Black, brown, buff ℔ lb.	@ 2½			
Colorific ℔ lb.	@ 2½			
Red	@ 3			
White ℔ bbl	@ 1 75			
Foundation:				
Dimension	@	5 00 ℔ ton	20@	℔ 5 00
Block	@	4 00 ℔ perch		Conshocken
Rubble	@	1 25 @ 1 50	2 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed	50 @ 6 00	75	50 @ 1 00	37 @ 50
Sandstone,				
Longmeadow	@ 80	80 @ 90		95 @ 1 16
Kibbe	@ 90	90 @ 1 10		
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	55 @ 1 00
Berea } Ohio	75 @ 1 00	80 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 4
New Brunswick (Dorchester)	@ 1 00	75 @ 90	"	1 00 @ 1 1
Caen	@	2 00	"	1 25 @ 1 5
Carlisle, English	@ 1 05	80 @ 90		95 @ 1 1
Corse Hill (Scotch)	1 05			
Marble (℔ *cu. ft.*				
Lee, Mass.	@	1 75 @ 2 50	*Not sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	350 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	2 00 @ 3 00	*Not sold.*	4 00 @ 4 50
Italian, blue-veined	@	50 @ 60	@ 4 40	2 50 @ 2 75
" Sienna	@	3 00 @ 3 50	*Not sold.*	@ 5 00
Tennessee, red	@	1 25 @ 2 50	@ 4 40	4 00 @ 6 00
" Knoxville	@	85 @ 90	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@		*Not sold.*	2 00 @ 3 00
Vermont, white	@	1 50 @ 2 00	3 50 @ 6 00	2 25 @ 3 00
Slate; Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	7 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 8 85	3 25 @ 4 00
" " Chapmans	—	@	7 30 @ 8 00	4 00 @ 4 65
" Unfading Black, Monson, Mo.	5 50 @ 8 00	5 50 @ 8 0	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am. ℔ M	@		*Not sold.*	@ 25 00
N. Peach Bottom, warranted unfading				6 00 @ 6 75
PAINTS. (*In oil,* ℔ *lb.*)				
White lead, Am.	7 @ 7½	7 @ 7½	6½ @ 7	@ 7
" Zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am.,	6½ @ 7	7 @ 7½	1½ @ 2½	dry Eng. @ 1½
" Venetian	6 @ 10½	7 @ 12	62 @ 65	Eng. @ 66
" Vermilion	65 @ 70	68 @ 70 dry	12 @ 20	@ 7
Red Indian, Eng.	12 @ 20	12 @ 20	3 @ 15	dry Am. @ 1½
Yellow Ochre	6 @ 15	7 @ 12	15 @ 25	@ 18
" Chrome	12 @ 20	18 @ 25	8 @ 20	@ 12
Green (chrome)	8 @ 13	8 @ 20	18 @ 35	" 20 @ 25
Green, Paris,	25 @ 40	25 @ 40	8 @ 30	@ 12
Black, lamp,	15 @ 25	15 @ 25	12 @ 35	@ 20
Blue, ultramarine	12 @ 18	18 @ 30	59 @ 69	@ 60
Oil, linseed, (raw) (℔ gal.)	58 @ 60	60 @ 61	62 @ 63	@ 63
" " boiled (℔ gal.)	61 @ 63	63 @ 64	41 @ 45	@ 41
Turpentine (℔ gal.)	38 @ 39	39 @ 42	1 25 @ 2 00	2 00 @ 2 50
Varnish, coach (℔ gal.)	@	1 50 @ 6 00	2 25 @ 4 00	2 50 @ 3 50
Shellac	@	2 @ 4	@ 62½	@ 2
Putty	2 @	1 @ 1½	1 @ 1½	@ 1
Whiting (℔ cwt.)	75 @ 1 00	1 @ 1½	1½ @ 2	@ 1½
Paris white, (Eng.,) (℔ cwt.)	1 30 @ 2 00	2 @ 3	6½ @ 7	@ 7
Litharge, Am. (℔ cwt.)	5½ @ 6	5½ @ 6½	4 @ 16	@ 14
Sienna (burnt) (℔ cwt.)	14 @ 20	14 @ 20	2 @ 10	@ 12
Umber, " (℔ cwt.)	14 @ 20	14 @ 20		
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85		2 05 @	pr kg @ 2 10
10d. common	@ 2 60	@ 2 10	@ 2 15	@ 2 10
Shingle	@ 3 35	@ 2 60	@ 2 65	@ 2 40
Lath	@ 4 85	@ 3 60	@ 3 55	3 00 @ 3 50
Finishing nails according to size.)			Add .85 to $1.15	per ℔ 11 @ 14
(*For casing nails add 75c. per keg.*)			" .50 to .90	Add pr cask
Butts: 4"x 4" (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	65 @ 1 00	@ 1 44
Japanned	@ 1 50	@ 1 75	*Not sold.*	@ 1 57
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	175 @ 2 00
Ball Tip, Boston Finish ℔ pair.)	@ 65	@ 50	*Not sold.*	48 @ 50
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Glass, solid	*Not sold*	@ 50	*Not sold.*	1 75 @ 2 00
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Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 4 50	50 @ 3 50
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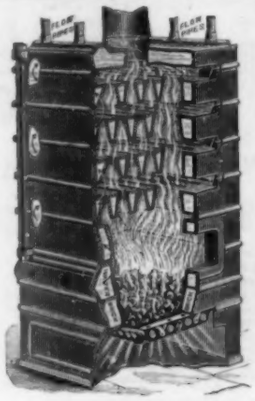

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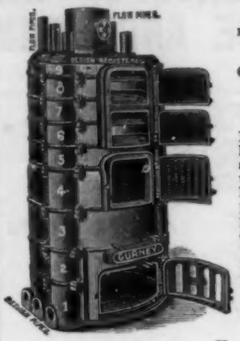

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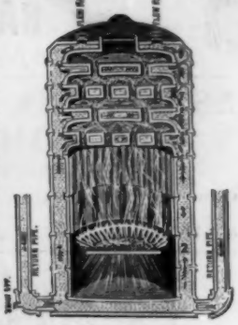

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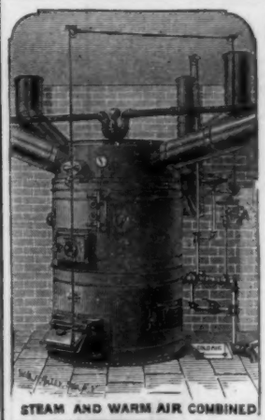

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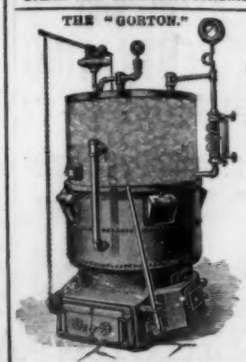

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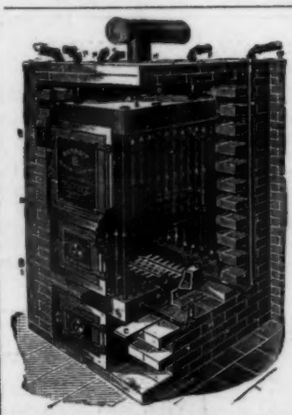

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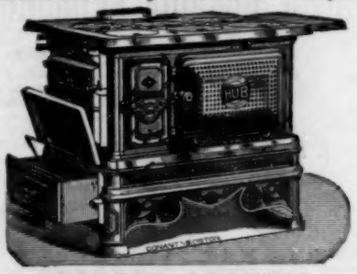

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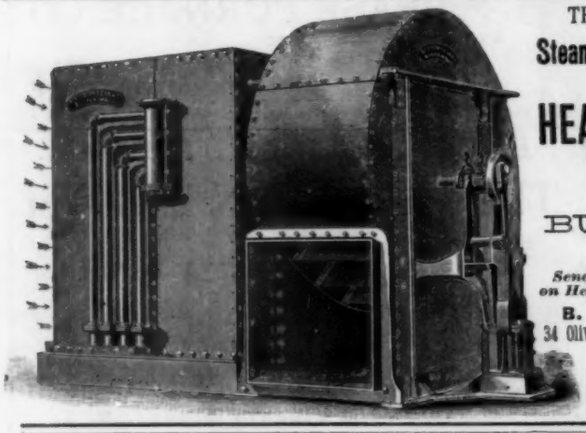

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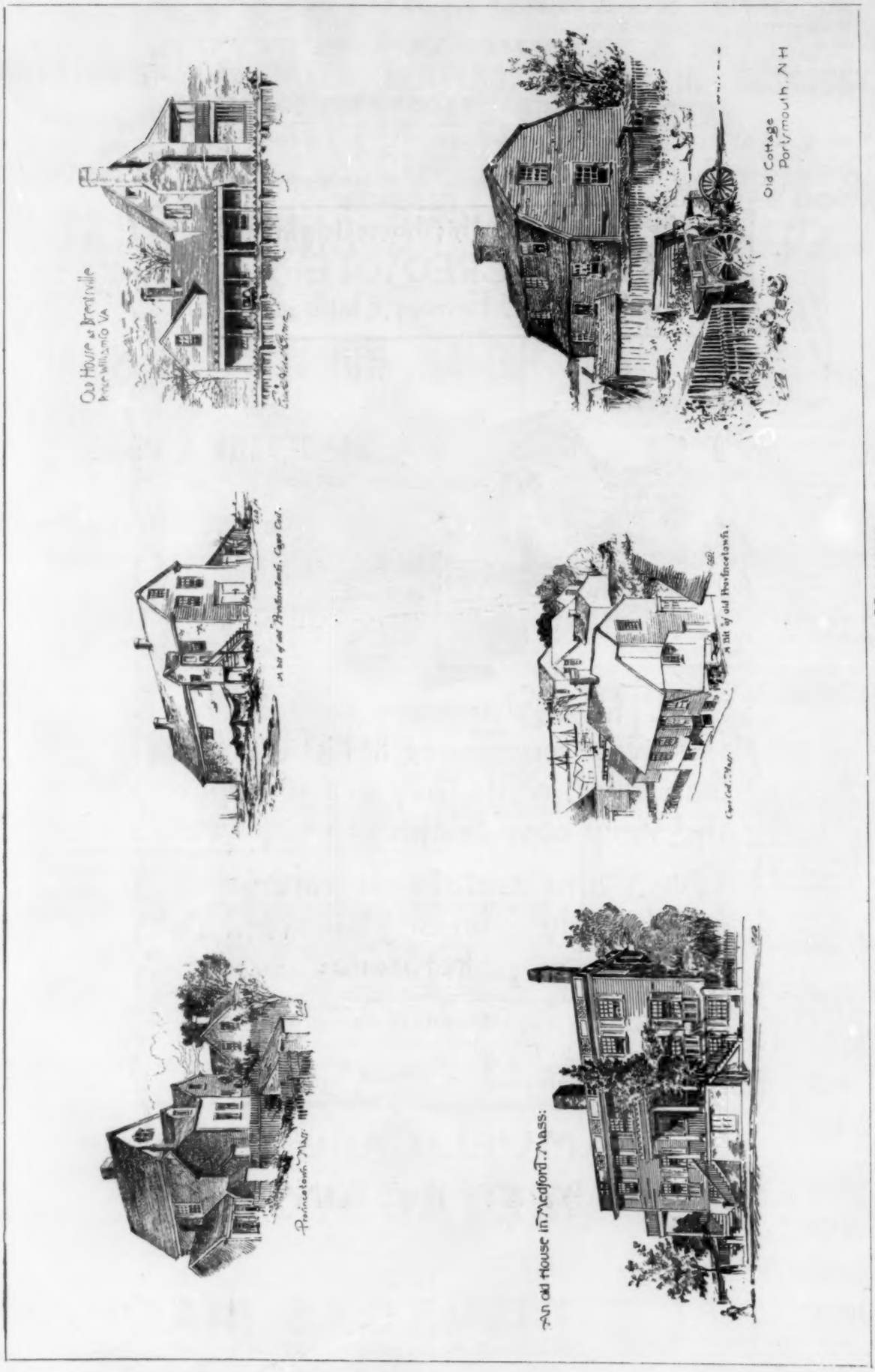

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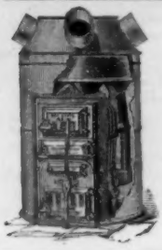

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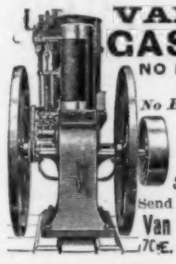

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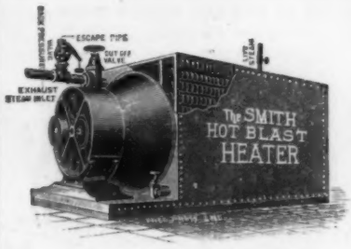

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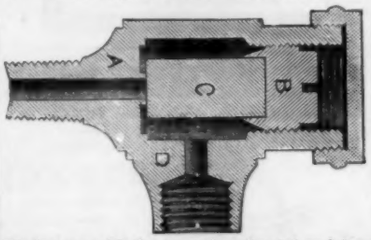

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For the American Architect and Building News Co.

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SANITAS MFG. CO. (Boston, Mass.), Flush-pot. Page 2, cover.
J. B. KING & CO. (New York, N. Y.), Cement. Page xxvi.
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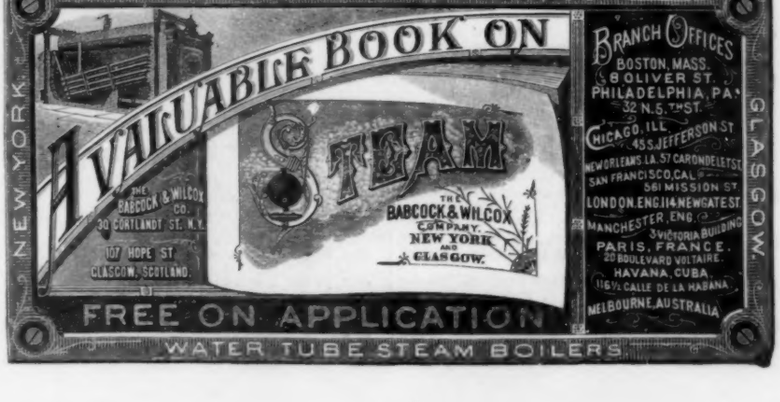

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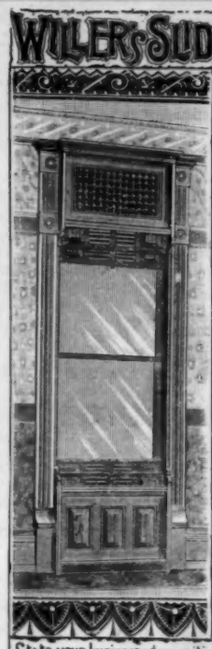

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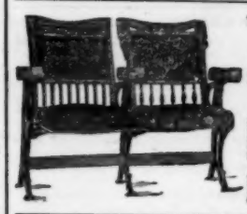

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BUILDING INTELLIGENCE.

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[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Baltimore, Md.—The South Baltimore M. P. Church will alter and enlarge their building, w s Light St., bet. West and Ostend Sts.

Boston, Mass.—*East Sixth St., No.* 779, cor. O St., Ward 14, remodelling frame dwell.; owner, Mary E. Perkins; builder, John Soley.

Boylston St., No. 33, Ward 10, addition to brick dwell.; owner, H. W. Codman estate; builder, J. Mack.

Chelsea St., No. 141, Ward 3, addition and remodelling frame dwell. and store; owner, Mrs. M. M. Ahern; builder, J. J. Doherty.

Hancock Ave., No. 3, Ward 10, remodel brick dwell.; owner, Mrs. J. A. Lewis; builders, Wilson Bros.

Leverett St., No. 52, Ward 8, remodel brick dwell. and store; owner, D. Robinson; builder, C. Burns.

Brookline, Mass.—Alterations to Harvard Church—throwing chapel into church; cost, abt. $1,200; architects, Shepley, Rutan & Coolidge, Boston; builders, Cressey & Noyes.

Cambridge, Mass.—Four-st'y addition to frame factory, 32' x 130'; for Reversible Collar Co.; contract to be let; architect, S. S. Woodcock, Boston.

Chicago, Ill.—J. S. Hubbard, Jr., two-st'y addition, Congress St.; cost, $3,000; architect, E. S. Jemison.

Mrs. P. Dreesback, four-st'y addition, North Clark St.; cost, $2,400; architect, C. Westphal.

T. B. Galbraith, three-st'y addition, Michigan Ave.; cost, $8,000; architects, Treat & Foltz.

University Club, two-st'y addition, Dearborn St.; cost, $20,000; architect, J. L. Silsbee.

Detroit, Mich.—M. Blay & Son, addition to hotel, 11-25 East Congress St.; cost, $10,000; also two brick car barns, 1272 Jefferson Ave.; cost, $50,000.

Philadelphia, Pa.—*Market St.*, s s, bel. Sixteenth St., alterations to Crowell's Hotel; owner, Thos. W. Draper, 328 North Fifth St.

Broad St., bel. Walnut St., new front and interior alterations; builders, Geo. F. Payne & Co., 401 South Juniper St.

Garnet St., e s Somerset St., six-st'y addition to factory; owner, John M. Anderson, 132 South Eighteenth St.

Nineteenth St., s e cor. Titan St., one-st'y stone addition to the vestry of the church; Thomas M. Davis, 13 Fetter La.

Hart La. and Emerald St., two stories added to a one-st'y factory; owners, McCartney & Oler, 2355 East Dauphin St.

Magnolia and Woodbine Sts., three-st'y addition to school-house; builder, John D. Caldwell, Wister St., Germantown, Pa.

North Nineteenth St., No. 808, addition to two-st'y brick stable; builder, G. W. Haws, 1802 Wylie St.

Fifth St., n w cor. Buttonwood St., exterior and interior alterations to church; architect, Jas. Hood, 212 New St.

Nicholas St., No. 2514, three-st'y brick addition to dwell.; owners, Stewart Bros., 2527 North Fifth St.

Pittsburgh, Pa.—Addition to frame dwell.; cost, abt. $30,000; owner, Christopher L. Magee; architects, Shepley, Rutan & Coolidge, Boston; builder, C. A. Balph.

St. Louis, Mo.—Addition to two-st'y brick dwell.; owner, A. Young; contractor, T. Roach.

Alter five-st'y brick store; cost, $12,000; owner, J. B. Chapman; architects, Eames & Young; contractor, S. M. Ross.

Alterations and addition to two-st'y brick dwell.; cost, $2,500; owner, John Keller; contractor, Henry Drees.

Alter three-st'y brick store; cost, $3,000; owner, J. Murphy; contractor, D. Sullivan.

APARTMENT-HOUSES.

Chicago, Ill.—J. G. Cella, two-st'y flats, Fourth Ave.; cost, $5,0 0; architect, C. A. Weary.

T. McGourty, two-st'y flats, Henry St.; cost, $3,100; architect, N. S. Devine.

J. Brunke, owner and architect, two-st'y flats, Wall St.; cost, $2,700.

E. J. Lewis, 4 three-st'y flats, West Jackson St.; cost, $24,000; 2 three-st'y flats, Wood st.; cost, $12,000; architect, C. A. Weary.

R. J. Whitbeck, two-st'y flats, Kedzie Ave.; cost, $2,500; architect, M. Hanley.

L. J. Marks, four-st'y flats, Wabash Ave.; cost, $40,000; architect, W. A. Furber.

A. Schmitt, three-st'y flats, Willow St.; cost, $3,500; architect, J. Walton.

H. Mehring, three-st'y flats, West Twenty-first St.; cost, $8,500; architect, M. C. Karbuch.

D. Smith, four-st'y flats, Cottage Grove Ave.; cost, $35,000; architect, C. J. Warren.

J. Behren, Jr., two-st'y flats, West Adams St.; cost, $3,000; architect, A. Fhyraft.

J. C. Owens, three-st'y flats, West Twelfth St.; cost, $7,000; architect, P. F. Werges.

E. Varnek, three-st'y flats, Marshfield Ave.; cost, $6,000; architect, J. T. Hand.

J. Hohlbein, two-st'y flats, West Nineteenth St.; cost, $5,000; architect, C. J. Buhmson.

J. J. Evans, two-st'y flats, Paulina St.; cost, $2,500; architects, Ruehl & Gommlich.

J. W. Garvy, owner and architect, two-st'y flats, Lytle St.; cost $4,500.

S. D. Ward, three-st'y flats, Wabash Ave.; cost, $5,500; architect, F. B. Shelton.

D. Ferenkamp, two-st'y flats, Warren Ave.; cost, $3,500; architect, W. Ilett.

J. W. McKenna, four-st'y flats, Archer Ave.; cost, $15,000; architect, H. Heintz.

T. Langstaff, owner and architect, two-st'y flats, Hamon St.; cost, $3,500.

T. Van Nostrand, two-st'y flats, Forest Ave.; cost, $4,500; architect, T. S. Walker.

C. Perrung, three-st'y flats, Oak St.; cost, $8,000; architect, T. Karls.

A. Christian, four-st'y flats, Harrison St.; cost, $15,000; architect, G. Vigant.

G. Semmingsen, three-st'y flats, West Ohio St.; cost, $3,000; architect, W. Foreson.

J. Buda, owner and architect, three-st'y flats, Dickson St.; cost, $3,500.

E. N. Brenyon, owner and architect, three-st'y flats, Sedgwick St.; cost, $5,000.

H. P. Olson, owner and architect, four-st'y flats, North Curtis St.; cost, $7,600.

F. Charvat, owner and architect, two-st'y flats, Fisk St.; cost, $2,500.

J. E. Tracey, owner and architect, 6 two-st'y flats, Homan St.; cost, $15,000.

Mrs. Lambert, two-st'y flats, Nebraska St.; cost, $2,7 0.

A. Rembach, owner and architect, two-st'y flats, Barclay St.; cost, $3,000.

W. Dreiviez, three-st'y flats, Thirty-second St.; cost, $4,500; architect, J. P. Kolson.

J. Morance, three-st'y flats, Throop St.; cost, $5,100; architect, A. Charvat.

H. G. Piggott, three-st'y flats, Fremont St.; cost, $6,000; architect, R. J. Pentecost.

C. Burmeister, three-st'y flats, Chicago Ave.; cost, $4,500; architect, W. Ohlhaber.

J. Lorenz, two-st'y flats, North Lincoln St.; cost, $2,600; architect, Thiel.

J. Frost, three-st'y flats, Samuel St.; cost, $3,000; architect, H. Kley.

J. Peterson, three-st'y flats, Evergreen St.; cost, $5,000; architect, A. Lund.

J. Rotleck, three-st'y flats, Morgan St.; cost, $3,600.

M. S. Fry, two-st'y flats, Halsted St.; cost, $4,500; architect, Hines.

L. Kembe, three-st'y flats, Lincoln St.; cost, $6,000; architects, Thiel & Lang.

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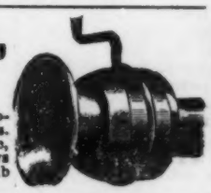

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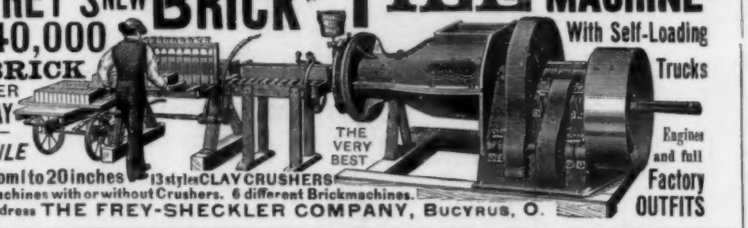

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T. Stuttgen, two-st'y flats, Fifth Ave.; cost, $2,500; architects, Gyer & Randok.

D. Schutt, four-st'y flats, Centre St.; cost, $7,000; architect, A. Warner.

H. Fredenburg, 2 three-st'y flats, Pleasant St.; cost, $4,000; architect, H. Sierks.

A. Linquist, three-st'y flats, Laughton St.; cost, $4,000; architect, S. P. Norris.

Mrs. H. Miller, two-st'y flats, Park Ave.; cost, $3,000; architect, same as last.

J. Barrett, three-st'y flats, Emma St.; cost, $4,800; architect, Martenson.

R. A. Brason, three-st'y flats, Cornelia St.; cost, $5,000; architect, C. O. Hansen.

F. Lange, four-st'y flats, Twenty-first St.; cost, $5,500; architects, Geyer & Paudak.

L. C. Duncan, 4 three-st'y flats, Paulina St.; cost, $25,000; architect, J. A. Miller.

R. Degenie, three-st'y flats, West Erie St.; cost, $3,000; architect, W. H. Frazer.

J. H. Greer, three-st'y flats, West Van Buren St.; cost, $8,000; architect, W. Longhurst.

J. M. Coughlin, two-st'y flats, Walnut St.; cost, $3,000; architect, J. F. Warner.

New York, N. Y.—*Goerck St.*, e s, 246½′ n Rivington St., 3 five-st'y brick flats, tin roofs; cost, $60,000; owner, Mrs. Barbara Kaiser, 130 Cannon St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

One Hundred and Fifth St., n e cor. First Ave., 3 five-st'y brick flats, tin roofs; cost, $47,500; owner, Joseph E. Rogers, 1233½ Lexington Ave.; architect, Robert C. McLane, 1901 Tenth Ave.

Lexington Ave., s e cor. Ninety-first St., five-st'y brick flats, tin roof; cost, $60,000; owner, John Webber, 1121 Madison Ave.; architects, Webber & Drosser, 69-70 Bible House.

Seventh St., No. 112, five-st'y brick flat, tin roof; cost, $21,000; owner and architect, Jobst Hoffman, 101 Seventh St.

Ninety-eighth St., n s, 100′ e Tenth Ave., 4 five-st'y brick flats, tin roofs, cost, $40,000; owner, John C. Wilson, 146 Broadway; architects, Lloyd & Phyfe, 146 Broadway.

One Hundred and Thirty-eighth St., s s, 31′ 6″ w Willis Ave., 6 five-st'y brick flats, tin roofs; cost, $20,000; owners, Cotter Bros., 663 East One Hundred and Forty-third St.; architect, John C. Burne, 1531 Third Ave.

One Hundred and Third St., s w cor. Tenth Ave., seven-st'y brick flat, tin roof; cost, $150,000; owner, Robert B. Baird, 137 Broadway; architect, E. L. Angell, 94 Liberty St.

East Twenty-second St., No. 155, five-st'y brick flat, tin roof; cost, $19,900; owner, Osborn E. Bright, 150 Broadway; architects, De Lemos & Cordes, 146 Broadway.

Cannon St., No. 54, five-st'y brick flats, tin roof; cost, $18,000; owner, Hieronymus Breunwich, 63 East Third St.; architects, Rentz & Lang, 153 Fourth Ave.

Cannon St., Nos. 56-58, 2 five-st'y brick flats, tin roofs; cost, $33,000; owner, Hieronymus Breunwich, 63 East Third St.; architects, Rentz & Lang, 153 Fourth Ave.

Avenue A, n e cor. Seventy-third St., 4 five-st'y brick flats, tin roofs; cost, $75,000; owner, William A. Wilson, One Hundred and Sixty-seventh St. and Stebbin Ave.; architect, Edward Wenz, 1491 Third Ave.

Eighty-fourth St., s s, 305′ 8″ Ninth Ave., five-st'y brick flat, tin roof; cost, $18,000; owner, Michael J. Byrne, 169 West Eighty-third St.; architect, Henry Palmer, 9 Dey St.

Bleecker St., n e cor. Grove St., 2 six-st'y brick flats, tin roofs; cost, $85,000; owner, Joel E. Hyams, 717 Madison Ave.; architects, Herter Bros., 191 Broadway.

St. Nicholas Ave., s e cor. One Hundred and Nineteenth St., 5 five-st'y brick flats, tin roofs; cost, $248,000; owner, George E. Beaudet, 100 West Ninety-seventh St.; architect, Richard H. Davis, 247 West One Hundred and Twenty-fifth St.

Henry St., No. 254, six-st'y brick flat, tin roof; cost, $30,000; owner, Owen McGinnis, 10 Attorney St.; architects, Herter Bros., 191 Broadway.

Fourth Ave., n e cor. Seventy-eighth St., 3 five-st'y brick flats, tin roofs; cost, $61,600; owner, Joseph Schwarzler, 1073 Fifth Ave.; architect, Edward Wenz, 1491 Third Ave.

One Hundred and Forty-third St., s s, 350′ e Eighth Ave., 2 five-st'y brick flats, tin roofs; cost, $40,000; owner, Henry Hawkes, 2369 Eighth Ave.; architect, John C. Burne, 1531 Third Ave.

Ninth Ave., w s, 25′ 8″ n Seventy-fourth St., five-st'y brick flat, tin roof; cost, $18,000; owners, J. M. Horton Ice Cream Co., 112 West One Hundred and Twenty-sixth St.; architects, Cleverdon & Putzell, 110 East One Hundred and Twenty-fifth St.

One Hundred and Twelfth St., n s, 125′ w Sixth Ave., five-st'y brick flat, tin roof; cost, $17,000; owner, Antonio Gallo, 210 East Tenth St.; architect, James Barrett, 244 East Twelfth St.

Willis Ave., w s, 25′ n One Hundred and Thirty-seventh St., 6 five-st'y brick flats, tin roofs; cost, $120,000; owners, Cotter Bros., 663 East One Hundred and Forty-third St.; architect, John C. Burne, 1531 Third Ave.

Eighth Ave., n e cor. One Hundred and Thirty-first St., five-st'y brick flat, tin roof; cost, $30,000; owner, James Riley, 416 East One Hundred and Fifteenth St.; architect, Julius Munkowitz, 247 West One Hundred and Twenty-fifth St.

Seventy-sixth St., n e cor. Ninth Ave., six-st'y brick flat, tin roof; cost, $60,000; owner, J. L. Fisher, 1269 Ninth Ave.; architect, E. L. Angell, 94 Liberty St.

Ninety-third St., n e cor. Ninth Ave., five-st'y brick flat, tin roof; cost, $85,000; owner, Patrick Farley, 1990 Madison Ave.; architects, Thom & Wilson, 1267 Broadway.

Tenth Ave., No. 333, five-st'y brick flat, tin roof; cost, $18,000; owner, John McKelvey, 414 West Forty-ninth St.; architect, R. S. Townsend, s e cor. Seventy-second St. and Ninth Ave.

One Hundred and Eighth St., n s, 87′ 6″ w Manhattan Ave., 2 five-st'y brick flats, tin roofs; cost, $40,000; owner, William Radebold, 2151 Eighth Ave.; architect, Edward Wenz, 1491 Third Ave.

One Hundred and Ninth St., s s, 87′ w Madison Ave., 2 five-st'y brick flats, tin roofs; cost, $40,000; owner, William Radebold, 2151 Eighth Ave.; architect, Edward Wenz, 1491 Third Ave.

Tenth Ave., s w cor. Ninety-sixth St., 4 five-st'y brick flats, tin roofs; cost, $90,000; owner, Andrew T. Doyle, 844 East One Hundred and Seventieth St.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Ninety-second St., s s, 72′ w Third Ave., five-st'y brick flat, tin roof; cost, $22,000; owner, Martin Herman, *et als.*, Fifth Ave. and Forty-seventh St.; architect, Richard Berger, 110 Leonard St.

Manhattan Ave., s e cor. One Hundred and Sixteenth St., 7 five-st'y brick flats; cost, $175,000; owner, Simon Haberman, 254 West One Hundred and Twenty-first St.; architect, G. A. Schellinger, 128 Broadway.

Twenty-fifth St., e s, 125′ w Second Ave., five-st'y brick flat, tin roof; cost, $22,000; owner, Sophia Sterns, 110 West Eighty-sixth St.; architect, T. F. Houghton, 340 Fulton St., Brooklyn.

Ninety-eighth St., n s, 110′ e Third Ave., 2 five-st'y brick flats, tin roofs; cost, $40,000; owner, M. J. Gessner, 1722 Madison Ave.

One Hundred and Fortieth St., n s, 100′ e Edgecombe Ave., 4 five-st'y apartments; cost, $72,000; owner, Dr. James Good; architect, Wm. H. Boylan.

St. Louis, Mo.—Two-st'y and mansard brick flats; cost, $3,500; owner, H. Hemmilian; contractor, G. Bockinger.

Two-st'y and mansard brick flats; cost, $6,500; owner, H. Griesseking; architects, Klute & Bocke; contractor, J. C. Brockmeyer.

Three adjacent two-st'y brick flats; cost, $8,000; owner, M. Bemer; architect, T. W. Brady; contractor, M. Connelly.

CHURCHES.

Baltimore, Md.—Fulton Ave. Baptist Church will build stone church, n e cor. Fulton and Baltimore Sts.

New York, N. Y.—*Madison Ave.*, s w cor. Seventy-third St., for St. James Lutheran Church, of which the Rev. Dr. J. B. Remensnyder is pastor, a new church edifice; architect, Wm. A. Potter.

Park Ave., n w cor. Eighty-ninth St., one-st'y brick church, peak and tin roof; cost, $6,000; owners, Prospect Hill Reformed Church, 222 East Eighty-seventh St.; architect, Henry E. Riley, 1504 Third Ave.

Seventy-first St., n w cor. Boulevard, one-and-two-st'y brick church, peak and slate roof; cost, $85,000; owners, Christ Church, 32 Nassau St.; architect, Charles C. Haight, 111 Broadway.

Pittsburgh, Pa.—Stone church and chapel for Shady Side Presbyterian Society; cost, $99,692; architects, Shepley, Rutan & Coolidge, Boston.

FACTORIES.

Boston, Mass.—*Cambria St., Nos.* 26-28, Ward 11, four-st'y brick factory, flat roof, 50′ x 66′; owner, G. J. Quinsler; builders, M. S. and G. N. Miller.

Camden, N. J.—*Cherry St., No.* 309, frame manufactory; owner, W. S. Bowden, 250 Mt. Vernon St.

Chicago, Ill.—Schaller & Stafford, two-st'y factory, Cherry St.; cost, $8,000; architects, Paulson & Berg.

Rand, McNally & Co., fourteen-st'y factory, Quincy St.; cost, $450,000; architects, Burnham & Root.

New York, N. Y.—*Mott St., No.* 6, four-st'y brick factory, tin roof; cost, $12,000; owner, Morris Isaacs, 213 East Eighty-seventh St.; architect, Fred Wandelt, 213 Madison St.

One Hundred and Thirty-second St., n s, bet. Tenth Ave. and Old Broadway, ribbon factory; cost, abt. $100,000; owners, Smith & Kaufmann.

Water St., No. 610, six-st'y brick factory, tin roof; cost, $12,000; owner, Aaron Rosenzweig, 269

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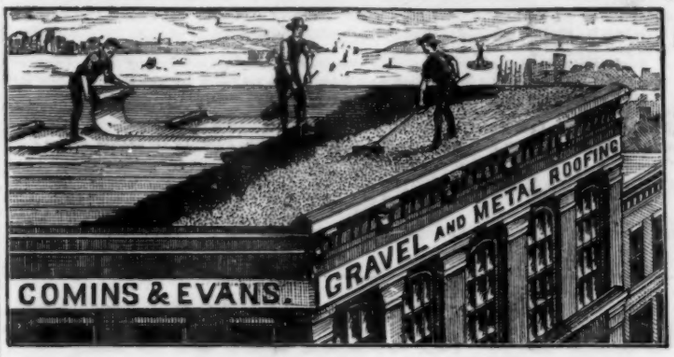

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Fairbairn & Cogger, three-st'y brick dwell., 23 West Willis Ave.; cost, $5,000.

W. H. Hollands & Son, brick dwell., 105 Watson St.; cost, $5,000.

Patrick Dee, brick double dwell., 55-57 East Columbia St.; cost, $8,000.

M. P. Lynch, brick double dwell., 121-123 East Elizabeth St.; cost, $4,200.

Franklin, Mass.—Swiss cottage, 22′ x 25′; owner, H. H. Gallison; contract to be let; architect, H. H. Woodcock, Boston.

Maplewood, Mass.—*Lebanon St.*, frame dwell., 25′ x 30′; owner, C. F. Elden; contract to be let; architect, G. Wilton Lewis, Boston.

Melrose, Mass.—*Hillside Ave.*, frame dwell., 30′ x 48′; owner, C. C. Berry; contract to be let; cost, abt. $6,500; architects, Lewis & Phippe, Boston.

New York, N. Y.—*West End Ave.*, s e cor. One Hundred and Fourth St., 7 three-st'y dwells.; cost, $100,000; owner, M. A. Lawson; architect, Ralph S. Townsend.

Fifth Ave., n e cor. Fifty-sixth St., dwell.; owner, William Waldorf Astor.

Seventy-second St., s s, opp. Riverside Park, nine dwells.; cost, $150,000; owner, C. W. Luyster; architect, R. S. Townsend.

One Hundred and Thirty-second St. and Tenth Ave., 17 three-st'y and basement brick and stone dwells.; cost, abt. $350,000; owner, John W. Haaren; architect, John C. Burne.

Eighty-eighth St., s s, 100′ w Boulevard, 7 three-st'y and basement dwells. with extensions; owner, C. F. Butler.

One Hundred and Thirty-first St., n s, 220′ 6″ w Lenox Ave., three-st'y brick dwell., tin roof; cost, $36,000; owner, Mattie A. Cockburn, 208 West One Hundred and Twenty-third St.; architect, E. H. Cockburn, 208 West One Hundred and Twenty-third St.

East Twenty-seventh St., No. 27, three-st'y brick dwell., tin roof; cost, $12,000; owner, M. E. P. Church, Rose Hill, 291 Schemerhorn St.; architect, A. B. Ogden, 1031 Madison Ave.

Sixteenth St., s s, 61½′ e Irving Pl., four-st'y brick dwell., mansard, slate and tin roof; cost, $15,000; owner, William Ottman; architects, Thom & Wilson, 1267 Broadway.

Irving Pl., s e cor. Sixteenth St., four-st'y brick dwell., tin roof; cost, $50,000; owner, William Ottman; architects, Thom & Wilson, 1267 Broadway.

Seventy-first St., n w cor. Madison Ave., 4 four-st'y brick dwells., tin roofs; cost, $120,000; owner, D. Hennessy, 799 Madison Ave.; architects, Thom & Wilson, 1267 Broadway.

East Eighty-fifth St., No. 512, two-st'y brick dwell., tin roof; cost, $3,000; owner, Wm. M. Willets, 510 East Eighty-fifth St.; architect, Chas. Stegmeyer, 306 East Eighty-second St.

Eighty-fourth St., s s, 160′ w Eighth Ave., 2 four-st'y brick dwells., tin roofs; cost, $44,000; owner, Peter Farley, 200 West Fifty-third St.; architects, Thom & Wilson, 1267 Broadway.

West End Ave., n w cor. Eighty-sixth St., 5 four-st'y brick dwells., mansard, slate and tin roof; cost, $160,000; owner, W. D. Stokes, 37 Madison Ave.; architect, Joseph H. Taft, 41 East Twentieth St.

Philadelphia, Pa.—*Sixteenth St.*, w s, bet. Dauphin St., 17 three-st'y dwells., one with store; builder, Hugh McNeill, Ninth St. and Moyamensing Ave.

BUILDING INTELLIGENCE.

Almond St., s w s Anthracite St., 2 two-st'y brick dwells.; owner, Michael Feeney, 2641 Beven St.

Twenty-first St., s e cor. Locust St., four-st'y dwell.; builder, Jacob L. Myers, 1315 Sansom St.

Lawrence St., n s, bet. Butler and Pike Sts., 2 two-st'y brick dwells.; builder, George Doring, 2040 Hancock St.

Emlen St., n s, e Gaul St., 3 two-st'y brick dwells.; builders, Jno. M. Buchanan & Bro., 1618 Vienna St.

Walnut St., n s, beg. n e cor. Twenty-third St., five brick and stone dwells.; owners, Page Bros., 132 South Fourth St.

Point Breeze Ave., w s, bel. Reed St., 2 two-st'y brick dwells.; owner, Jas. McCaskie, 1907 Wharton St.

Wister St., e Main St., two-st'y brick dwell.; owner, James Upton, Main and Wister Sts.

Fifteenth St., w s, bet. Indiana and Clearfield Sts., 13 three-st'y and 14 two-st'y dwells.; builder, W. H. Bilyeu, 1725 Franklin St.

Market St., s s, w Fifty-second St., two-st'y brick dwell.; builder, Bernard Benson, 5010 Willow Ave.

Clearfield St., bet. Sixteenth and Seventeenth Sts., 8 two-st'y dwells.; builder, A. Overturf, 1612 North Nineteenth St.

Seventy-second St., w s, bet. Haverford Ave. and Vine St., brick dwell.; owner, Mrs. Victoria Woodcock, 5528 Vine St.

Broad St., w s, ab. Cumberland St., 11 three-st'y dwells.; owner, C. C. Moore, 2001 North Broad St.

Mount Airy Ave., n s, e Boyer St., 10 three-st'y stone dwells.; owner, James Howard, 2031 Hunting Park Ave.

Broad St., n e cor. Moore St., 5 three-st'y dwells.; builder; James E. Conroy, 1709 South Broad St.

Locust Ave., s s Boyd St., 2 three-st'y brick dwells.; builders, James Kinnier's Sons, 106 East Chelten Ave., Germantown.

Wyalusing Ave., s s, bet. Belmont Ave. and Forty-eighth St., 10 two-st'y brick dwells.; builder, J. H. Vinkler, 1108 Belmont Ave.

D St., e s, bet. Tioga and Ontario Sts., two-st'y brick dwell.; owner, Benjamin Wetzel, Old Front St. La.

Wharton St., n s, ab. Twenty-second St., 20 two-st'y seven-room brick dwells.; owner, Andrew Rankin, 2104 Fitzwater St.

Aubrey St., w s, bet. York and Cumberland Sts., 25 two-st'y brick dwells. and one store; builder, Thomas Batley, 909 Lehigh Ave.

Thompson St., No. 1838, three-st'y dwell. and shop; owner, John D. Howded, 1816 North Thirty-first St.

Fifty-fifth St., w s, n Vine St., 5 two-st'y brick dwells.; owner, W. A. Patterson, Fifty-third St. and Wyalusing Ave.

Mt. Moriah La., w s, s Mt. Moriah Cemetery, 9 two-st'y brick dwells.; owner, Robt. Gray, Sharon Hill, Pa.

Mather St., [illegible] s Tioga St., two-st'y dwell.; owner, S. E. Kn[illegible] Smedley St., Tioga, Pa.

BUILDING INTELLIGENCE.

Sargeant St., No. 2146, three-st'y dwell.; owner, W. R. Brown, 2145 Dickinson St.

Seymour St., n e cor. Knox St., three-st'y brick dwell.; owner, Frederick Scattergood, 433 Stenton Ave.

East Susquehanna Ave., No. 2339, two-st'y brick back building; builder, George Burton, 1545 East Montgomery Ave.

Twenty-eighth St., w s, s Oakford St., 6 two-st'y brick dwells.; builder, Jas. McGurck, 1120 South Twenty-third St.

Herman St., s s, e Twenty-seventh St., 4 two-st'y brick dwells.; owner and builder, Wm. F. Albrecht, 2341 North Twenty-ninth St.

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Henry St., w s, n Manheim St., 3 two-st'y brick dwells.; builder, Burd P. Evans, Knox St., bel. Manheim St., Germantown, Pa.

Gerhard St., e s, bet. Moore and Mifflin Sts., 20 dwells.; builder, John J. Cassidy, 1102 Cammilla St.

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Galloway St., n s, e Twenty-seventh St., 2 two-st'y dwells.; owner, E. D. Prettyman, 1252 South Twentieth St.

Twenty-eighth St., w s, s Master St., 6 two-st'y brick dwells.; owner, Jas. McGurk, 1120 South Twenty-third St.

Warren St., No. 911, two-st'y brick dwell.; owner, George L. Harvey, 2119 Fitzwater St.

Chester Ave., w s, bet. Sixty-ninth and Seventieth Sts., 2 two-st'y dwells.; owner, George B. Heath, Eighty-eighth St. and Erwig Ave.

Buist Ave., w Seventy-seventh St., Clearview, two-st'y frame dwell.; owner, George B. Heath, Eighty-eighth St. and Erwig Ave.

Janney St., e s, s Venango St., two-st'y brick and stone dwell.; owner, Samuel Morrison, 3351 North Fifth St.

Boynton Ave., e Wister Ave., 4 two-st'y brick dwells.; owner, Wm. S. McNabb, 208 Mill St., Germantown.

Frankford Ave., e s, s Clearfield St., two-st'y brick dwell. and store; owners, Dickson Bros., 3045 Frankford Ave.

Croskey St., Nos. 1715-1717, 2 three-st'y dwells.; owner, Richard Shourds, 1125 Sheaf St.

Allman St., n s, e Sixty-eighth St., two-st'y frame building; contractor, T. J. Lewis, 2225 Gerrett St.

Aspen St., n e cor. Thirty-eighth St., 11 two-st'y brick dwells.; owner, Jno. M. Erickson, 3947 Lancaster Ave.

Linden St., n e s, bet. Margaretta St., dwell.; owner, Thomas Waters, 4855 Melrose St., Frankford.

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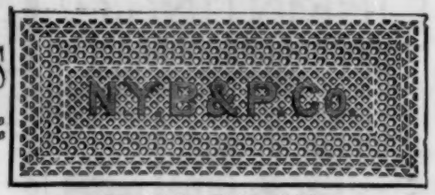

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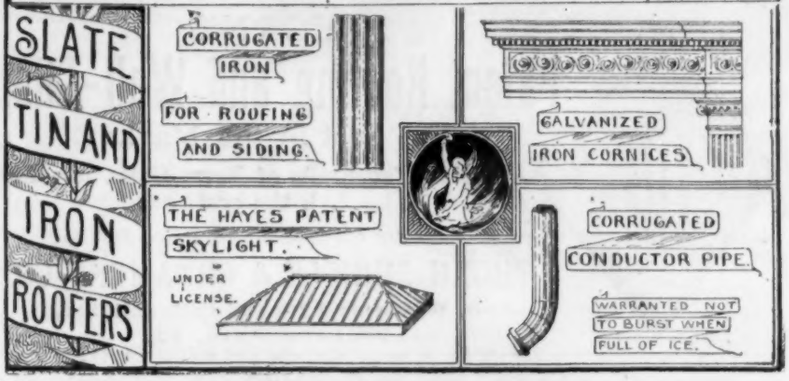

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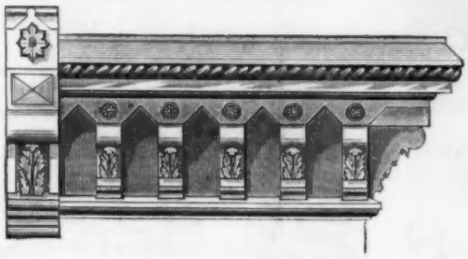

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Two two-st'y brick dwells.; cost, each, $2,500; owner and contractor, J. C. Newberry.

Two-st'y brick dwell.; cost, $2,500; owners and contractors, J. B. Labarge & Co.

Two-st'y brick dwell.; cost, $4,900; owner, J. D. Pollack; architects and contractors, Paulus & Weidemueller.

Two-st'y brick dwell.; cost, $3,500; owner, R. Kirkpatrick; architect, L. Kiedus; contractor, R. Deutmann.

Three-st'y frame dwell.; cost, $7,000; owner, Mrs. E. Barron; contractors, B. Weber & Co.

Two-st'y brick dwell.; cost, $3,800; owner, E. L. Beeding; architect, J. B. Legg; contractor, M. Pelligreen.

Two-st'y brick dwell.; cost, $8,000; owner, D. P. Lippencott; architect, T. C. Link; contractor, J. Couttas.

Two-st'y brick dwell.; cost, $6,200; owner, Thos. J. Lonergan; architect, A. M. Baker; contractor, F. S. Greene.

Three adjacent three-st'y brick dwells.; cost, $9,000; owner and contractor, J. J. Biszant.

Eight three-st'y brick dwells.; cost, $24,000; owner and contractor, J. J. Biszant.

Three adjacent three-st'y brick dwells.; cost, $9,000; owner and contractor, J. J. Biszant.

Four adjacent two-st'y brick dwells.; cost, $7,000; owner, M. Kelly; architect, J. F. Mitchel; contractors, J. B. Labarge & Co.

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Two-st'y brick dwell.; cost, $4,000; owner and contractor, J. J. Biszant.

Two-st'y brick dwell.; cost, $3,700; owner, A. Wenglich; contractors, Klute & Boeke.

Three-st'y brick dwell.; cost, $4,500; owner and contractor, R. L. Barlow; architect, G. B. Reid.

Two-st'y brick dwell.; cost, $2,500; owner, J. Hess; contractor, J. W. Riley.

Two-st'y brick dwell.; cost, $2,600; owner and contractor, Geo. Menkeen.

Two-st'y brick dwell.; cost, $4,000; owner and contractor, Jno. Matthiesla.

Wellesley, Mass.—*Linden St.*, frame dwell., 30' x 52'; rustic stone underpinning, veranda, etc.; cost, abt. $5,000; owner, I. H. Farnham; architect, G. Wilton Lewis, Boston; builder, J. T. Johnstone.

OFFICE-BUILDINGS.

Chicago, Ill.—L. J. McCormick, sixteen-st'y office-building, Dearborn St.; cost, $500,000; architect, C. J. Warren.

New York, N. Y.—*Park Row*, e cor. Frankfort St., thirteen-st'y brick office-building, brick roof; cost, $1,000,000; owner, Joseph Pulitzer, 10 East Fifty-fifth St.; architect, Geo. B. Post, 15 Cortland St.

Pine St., No. 25, an office-building is to be built by the Lancashire Insurance Co.; architect not yet selected.

PUBLIC BUILDINGS.

New York, N. Y.—*Seventh Ave.*, n e cor. One Hundred and Twenty-fourth St., three-st'y brick theatre, mansard, peak and flat iron rafters holding fireproof material and red tile roof; cost, $250,000; owner, A. H. Wood, 129 West Seventy-sixth St.; architect, Geo. H. Griebel, 67 West Twenty-third St.

RAILROAD BUILDINGS.

New York, N. Y.—*Liberty St.*, n e cor. West St., eight-st'y building for railroad purposes; owners, Central R. R. of New Jersey; architects, Peabody & Stearns.

SCHOOL-HOUSES.

Baltimore, Md.—Second Lutheran Church, one-st'y

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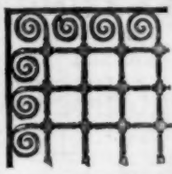

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brick school-house, n s Lombard St., bet. Green and Penn Sts.

St. John's Church, three-st'y brick school-house, w s Valley St., bet. Webster and Neighbor Sts.

Chicago, Ill.—T. W. Harvey, three-st'y school-house, Pearson St.; cost, $40,000; architect, G. Harvey.

STABLES.

Boston, Mass.—*Bellflower St.*, near Dorchester Ave., Ward 15, one-st'y frame stable, pitch roof, 18′ x 22′; owner, Maria A. Wellbrock; builder, Mr. Snow.

Gardner St., rear, near Baker St., Ward 23, one-st'y frame stable, 27′ x 30′; owner, T. F. Welch; builder, A. M. Hobbs.

Camden, N. J.—*Ferry Ave.*, s w cor. Atlantic Ave., one-and-one-half-st'y frame stable; owners, Costello & Bros.

North Ninth St., No. 215, one-st'y frame stable; owner, A. L. Dougherty, Second and Mt. Vernon Sts.

Division St., bet. Second St., one-st'y frame stable, owners, Mrs. James Elwell & Co., Third and Stevens Sts.

New York, N. Y.—*Fifty-eighth St.*, n s, 125′ e Fifth Ave., five-st'y brick stable, tin roof; cost, $13,000; owners, New York Cab Co., 116-130 West Thirty-second St.; architect, M. C. Merritt, 1267 Broadway.

Philadelphia, Pa.—*Green La.*, w s, bet. Manayunk Ave. and Pechin St., stone stable.

Mt. Vernon St., s s, w Twenty-second St., two-st'y stable; owner, Samuel Hart, 1104 Wallace St.

Green St., No. 5122, two-st'y brick stable; owner, John W. Parker, 611 North Thirty-fifth St.

Thirty-first St., e s, bet. Market and Ludlow Sts., two-st'y stable; owner, William Bunch, Jr., 422 North Forty-first St.

Manheim St., e s, n Township line, two-st'y brick stable; owner, Wm. C. Frith, 238 Price St.

Sixteenth and Allegheny Aves., two-st'y brick stable; owner, Walter H. Geissinger, on premises.

Seventieth St. and Woodland Ave., two-st'y brick stable, mansard second story; owner, Michael McShain, 156 North Twenty-second St.

Tioga St., s s, n Trenton Ave., two-st'y brick stable; owners, John M. Buchanan & Bro., 1618 Vienna St.

STORES.

Boston, Mass.—*Dorchester Ave.*, cor. Richmond St., Ward 24, one-st'y frame store, flat roof, 20′ x 20′; owner, J. Perkins.

BUILDING INTELLIGENCE.

Camden, N. J.—*Spruce St., No.* 409, one-st'y brick store; owner, George M. Althouse.

Chicago, Ill.—A. C. Huston, 5 one-st'y stores, Cottage Grove Ave.; cost, $10,000; architects, Edbrooke & Burnham.

H. Hooper, four-st'y stores and flats, Chicago Ave.; cost, $20,000; architect, L. J. Hallock.

G. F. Bachelder, four-st'y store, West Madison St.; cost, $15,000; architects, Flanders & Zimmerman.

Detroit, Mich.—Leo. Scheible, brick store and barn, 1772 Michigan Ave.; cost, $4,000.

P. Diedrichs, brick double store, 1027-1029 Michigan Ave.; cost, $7,500.

Topping & Fisher, 3 three-st'y brick stores, Michigan and Wabash Aves.; cost, $12,000.

Philadelphia, Pa.—*Susquehanna Ave.*, n e and s e cor. Gratz St., n w and s w cor. Dauphin St., 4 two-st'y cor. stores and dwells.; owner, Jno. M. Sharp, 1936 South College Ave.

Ninth St., n e cor. Jackson St., three-st'y store and dwell.; owner, M. McManus, 313 North Second St.

Juniata St., n w cor. Wayne St., store and dwell., and two-st'y dwell.; owner, Jno. Pressley, Wingohocking St., ab. Seventeenth St.

Connecticut Ave., n s, w Ridge Ave., 2 three-st'y brick stores and dwells.; owner, A. M. Zane, 806 Walnut St.

Ridge Ave., n w cor. Twenty-seventh St., three-st'y brick store and dwell.; owner, A. M. Zane, 806 Walnut St.

Ridge Ave., s w cor. Glenwood Ave., three-st'y brick store and dwell.; owner, A. M. Zane, 806 Walnut St.

Ridge Ave., n w cor. Glenwood Ave., three-st'y store and dwell.; owner, A. M. Zane, 806 Walnut St.

North Second St., Nos. 1040-1042-1044, 3 three-st'y stores and dwells.; owner, Wm. R. Brady, 1921 North Seventh St.

Frankford Ave., e s, n Huntingdon Ave., two-st'y brick store and dwell.; owner, Daniel Neveling, 2506 Mascher St.

Lancaster Ave., No. 3220, three-st'y store and dwell.; owner, Charles Bossert, 2114 Marshall St.

St. Louis, Mo.—Three-st'y brick store and rooms; cost, $4,500; owner, Nol Roth; contractor, Fred. Humoun.

Two-st'y brick store and flats; cost, $5,000; owner, Jno. B. Fruempy; architect, W. A. Bormans; contractor, N. L. Bromwick.

Two-st'y brick store and rooms; cost, $2,600; owner, Frank Haus; contractor, J. Schott.

One-st'y brick store; cost, $3,000; owner, J. W. Losse; contractor, L. H. Schaffner.

Two-st'y brick store and rooms; cost, $2,900; owner, A. Dieckmann; contractor, F. W. Giese.

Two-st'y brick store and rooms; cost, $2,500; owner, Louis Beck; contractor, John Schott.

Two-st'y brick store and rooms; cost, $3,500; owner, John Groskreutz; contractor, Jno. L. Kuknert.

TENEMENT-HOUSES.

Grand Rapids, Mich.—Three-st'y brick tenement block; cost, abt. $15,000; owner, Wm. Hake; architect, S. J. Osgood; contracts not awarded.

New York, N. Y.—*East Eighteenth St., No.* 325, five-st'y brick tenement, tin roof; cost, $12,000; owner, Joseph Watkins, 304 East Forty-first St.; architects, Hoonum Bros., 150 East One Hundred and Twenty-fifth St.

One Hundred and Forty-fifth St., n s, 375′ e Willis Ave., five-st'y brick tenement, tin roof; cost, $14,000; owner, Thomas F. Hickey, 1808 Fourth Ave.; architect, Thomas P. Neville, 179 East Thirteenth St.

One Hundred and Fiftieth St., n s, 100′ e Courtland Ave., four-st'y brick tenement, tin roof; cost, $10,000; owners, A. and M. A. Kleeman, One Hundred and Sixty-first St. and Gerard Ave.; architect, Frederic Lohse, 902 Courtland Ave.

Barron St., Nos. 62-64-66-68, 7 five-st'y brick tenements, tin roofs; cost, $85,000; owner, Letetia A. Poillion estate, 55 Liberty St.; architect, Samuel A. Wormser, 132 Broadway.

Seventy-fourth St., s s, 60′ e Second Ave., 2 four-st'y brick tenements, tin roofs; cost, $16,000; owner, Philip Rice, 1416 Second Ave.; architect, Charles Stegmeyer, 306 East Eighty-second St.

East One Hundred and Eighteenth St., No. 325, five-st'y brick tenement, tin roof; cost, $12,000; owner, Joseph Watkins, 304 East Forty-first St.; architects, Hornum Bros., 150 East One Hundred and Twenty-fifth St.

Cherry St., s e cor. Roosevelt St., five-st'y brick tenement, tin roof; cost, $10,500; owner, Michael J. Mahoney, 126 West Eighty-seventh St.; architect, Daniel F. Mahoney, Audubon Park.

St. Louis, Mo.—Two-st'y brick tenement; cost, $6,500; owner, Jos. Boyce; architect, J. H. McNamara; contractor, J. H. Keefe.

WAREHOUSES.

Chicago, Ill.—American Varnish Co., two-st'y warehouse, North Branch; cost, $6,000; architect, H. Kley.

F. E. Spooner, four-st'y warehouse, West Madison St.; cost, $20,000; architect, J. B. Drake.

W. C. Newberry, five-st'y warehouse, Kinzie St.; cost, $20,000; architect, T. Hawkes.

New York, N. Y.—*Ninth Ave.*, n w cor. Ninth Ave., five-st'y brick warehouse, tin roof; cost, $30,000;

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owner, Chas. S. Kendall, 110 West Seventy-fourth St.; architect, Bruno W. Berger, 52 Bible House.

Greene St., n w cor. Bleecker St., nine-st'y warehouse; cost, $150,000; owners, Myer Foster and Leo Schlesinger; architects, Buchman & Deisler.

St. Louis, Mo.—Two-st'y brick warehouse; cost, $2,700; owner, Mary Nagel; contractor, H. Voneschein.

Two-st'y brick warehouse; cost, $5,000; owner, H. H. Lippelmann; architect and contractor, H. C. Brinkmeyer.

MISCELLANEOUS.

Baltimore, Md.—D. E. Flynn, two-st'y brick carriage-house, n s West St., bet. Race and Leadenhall Sts.

Boston, Mass.—*Stanhope St.*, near Berkeley St., Ward 11, one-st'y brick freight-house, flat roof, 50′ x 402.8′, for O. C. R. R. Co.; builder, G. S. Morris.

Swett St., near Albany St., Ward 20, two-st'y frame mechanical building, pitch roof, 34′ x 64′; owner, A. W. Tufts; builder, W. Ballantyne.

Swett St., No. 15, Ward 15, two-st'y frame storage, flat roof, 27′ x 44′; owner and builder, W. L. Lewis.

Pynchon St., No. 165, Ward 21, three-st'y brick storage, flat roof, 35′ x 52′; owner, A. H. Miller; builder, R. D. Ward.

Knapp St., brick and stone building for stores and manufacturing purposes, 62′ x 72′; cost, $151,785; owner, Andrew Weeks; architects, Shepley, Rutan & Coolidge; builders, Norcross Bros.; heating apparatus and elevators, Whittier Machine Co.

East Newton and Stoughton Sts., armory; frontage on Stoughton St., 357.68 feet; and on East Newton St., 350.29 feet; width, 200 feet; architects, Bryant & Eaton.

Detroit, Mich.—A. G. Hollands & Co., brick gymnasium, 857 Woodward Ave.; cost, $5,000.

Germantown, Pa.—*Good St., No.* 25, heater and range shop to brick stable; owner, Albert A. Ardis, at the place.

Grand Rapids, Mich.—Three-st'y brick business block; cost, abt. $6,000; owner, Wm. Miller; architect, S. J. Osgood; contracts not let.

Five-st'y brick business block; cost, abt. $30,000; owner, Frederick Loettgert; architect, W. G. Robinson.

New York, N. Y.—*Fifty-eighth St.*, bet. Sixth and Seventh Aves., club-house; owners, Dutcher Verein; architects, McKim, Mead & White.

One Hundred and Thirty-eighth St., s s, 175′ e Lincoln Ave., four-st'y brick building for the Young Men's Christian Union, Charles B. Lawson, President.

Philadelphia, Pa.—*Callowhill St.*, s s, bet. Tenth and Eleventh Sts., two-st'y brick laundry; owner, Wm. R. Dougherty, 1604-1606 Sansom St.

Delancy Pl., No. 1828, four-st'y back building; owner, Henry Taylor, 988 Filbert St.

BUILDING INTELLIGENCE.

Fifteenth St., s w cor. Spring Garden St., six-st'y brick and stone pattern-shop and sand-house; owner, J. R. Garber, 52 North Thirteenth St.

Salmon St., w s, s Buckins St., two-st'y frame office; owner, Amos R. Crosta, 4534 Salmon St.

Chestnut St., n s, bel. Thirty-second St., three-st'y brick blacksmith shop and dwell.; owner, M. Donohue, Ludlow St., ab. Thirty-fourth St.

Lehigh Ave. and Twentieth St., one-st'y deadhouse; owner, Daniel Rambh, 2708 Fletcher St.

Shawmount Ave., n s, e R. R. Station, a frame cottage; owner, Carsten Dahl, 953 South Front St.

Palethorp St., e s, n Amber St., two-st'y brick storehouse; owner, Daniel Neveling, 2506 Mascher St.

St. Louis, Mo.—One-st'y brick foundry; cost, $5,620; owners, Mo. Car & Foundry Co.; contractors, B. Schneider & Co.

Two-st'y brick boiler-house; cost, $35,000; owners, Anheuser-Busch Brew. Association; architects, E. Jungenfeld & Co.; sub-let.

One-st'y machine-shop; cost, $3,000; owners, St. Louis Refg. & W. G. Co.; sub-let.

PROPOSALS.

ROOFING.
[At Boston, Mass.]

The commissioners for the erection of a new Court-house for Suffolk County invite sealed proposals **until Saturday, July 6, 1889, at 12 o'clock** M., for furnishing the roofing of the main building.

Bidders will give separate prices for the carpenters' work and the copper-work.

The carpenters' work includes a temporary truss roof for covering in the central portion of the building.

The copper-work to be laid comprises about 40,000 square feet, together with the necessary gutters and conductors.

Plans and specifications can be examined at the architect's office on and after Thursday, June 27.

The right to reject any or all proposals reserved.

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705

FURNITURE.
[At Washington, D. C.]

TREASURY DEPARTMENT,
OFFICE OF THE SECRETARY,
WASHINGTON, D. C., June 12, 1889.

Sealed proposals will be received at this department **until 2 o'clock** P. M., **Wednesday, July 17, 1889,** for manufacturing and placing in position in complete working order in the United States buildings hereinafter named certain articles of standard and special furniture.

Specifications, drawings and blank forms of proposals will be furnished upon application.

The department reserves the right to reject any and all bids and to waive defects.

Partial bids for any one of the buildings named will not be considered.

Proposals should be addressed to the Secretary of the Treasury, and indorsed "Proposals for Standard and Special Furniture for United States Court-house, Augusta, Me.," etc., viz.: Augusta, Me.; Baltimore, Md.; Keokuk, Iowa; Minneapolis, Minn.; Reading, Pa.; Santa Fe, N. M.; Fort Scott, Kan.; Springfield, Ohio; Harrisonburg, Va.; Des Moines, Iowa; Macon, Ga.

GEO. S. BATCHELLER,
705 Acting Secretary.

STAND-PIPE, ETC.
[Near Newport, Ky.]

NEWPORT, KY., June 15, 1889.

Sealed proposals, in triplicate, subject to the usual conditions, will be received at the office of assistant quartermaster, U. S. Army, at new post near Newport, Ky., **until 11** A. M. **Monday, July 15, 1889,** and then opened, for construction of a stand-pipe, tower, and piping the grounds for the water-supply system at the new post, near Newport, Ky.

The United States reserves the right to reject any or all bids or parts thereof.

All information furnished on application to this office.

Envelopes containing proposals should be marked "Proposals for Stand-pipe, etc.," and addressed to

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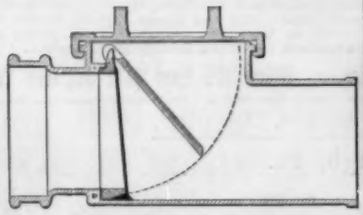

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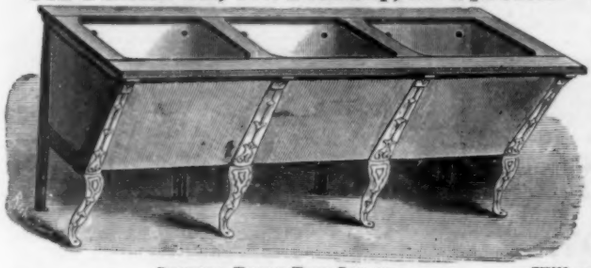

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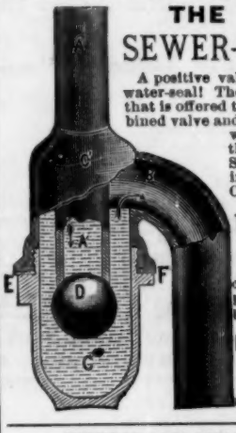

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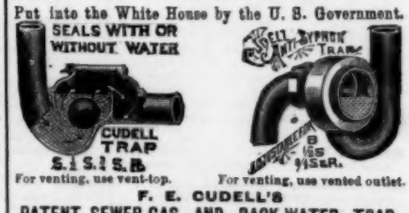

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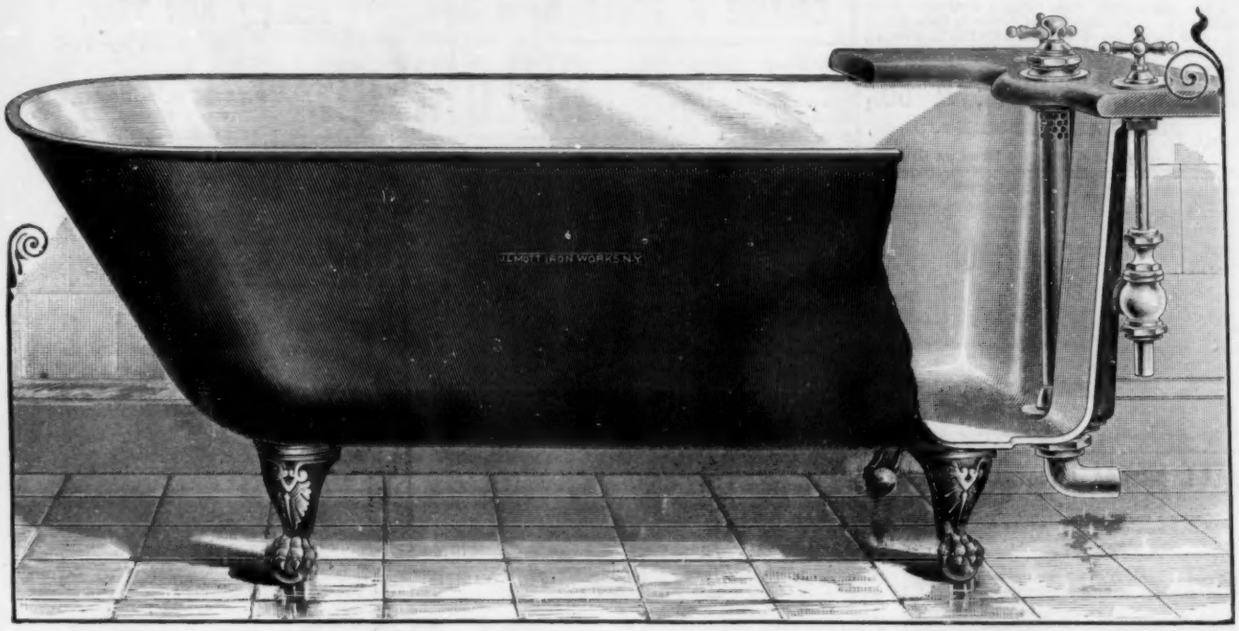

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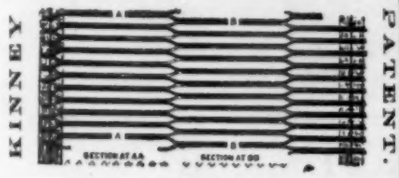

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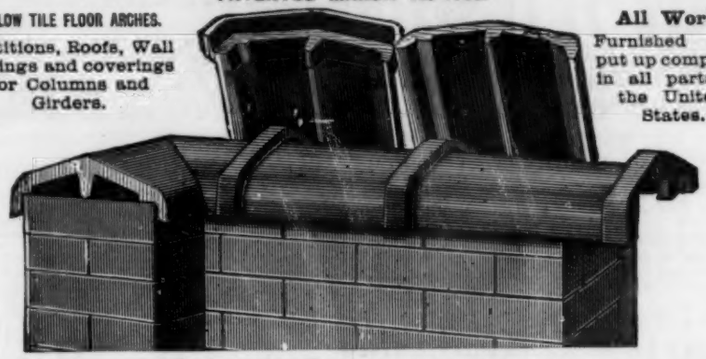

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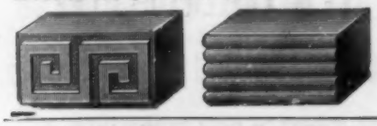

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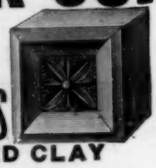

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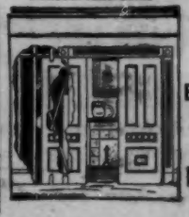

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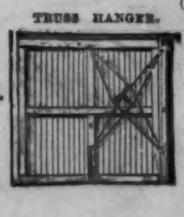

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